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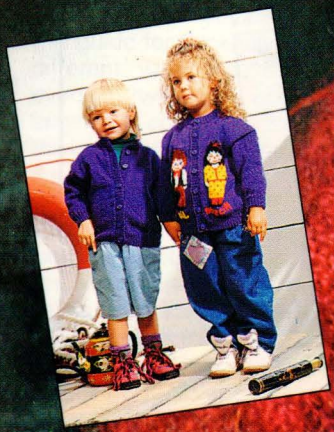

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Dear Readers

With the start of 1994 we would like to wish you all a very happy and prosperous New Year.

With knitwear being a very big fashion item this year, we hope that your 'resolutions' list includes making the time to knit lots of new items for your wardrobe. It is always very difficult to keep our resolutions, but this is one that we will all be trying very hard to keep!

So, clear up all the debris left over from Christmas celebrations, get the knitting machine out of its cabinet, if, like many of us, you had to pack it away to make room for the seasonal guests and start knitting again.

Chunky knitters can keep busy teaming up the skinny rib sweater with the tabard and then knit the lovely mohair cardigan. Delight a child by using your skills at intarsia knitting to knit the super Rosie and Jim design for double knit gauge machines. Knitters with a standard gauge machine can choose from cables, lace and Fair Isle, or textures.

When you take a break from the machine, remember to send us your hints and tips to help other knitters, or your requests for help if you need it.

Happy knitting in 1994.

Angela

LETTERS, HINTS, TIPS & HELPLINE

Hazel Ratcliffe is Editor of our Letters Page and our Helpline feature. You can share your thoughts and ideas, hints and tips with her. She looks forward to hearing from old friends and new readers and will give you her expert advice on any aspect of machine knitting.

Please write to her direct at the following address:

Hazel Ratcliffe
144 Frant Road
Thornton Heath
Surrey CR7 7JU

Knitline

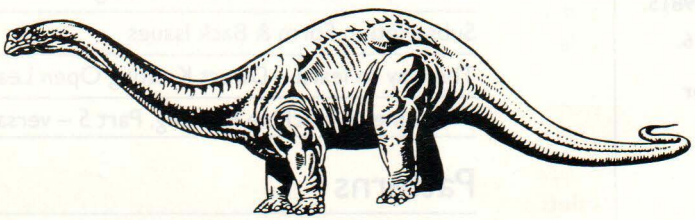
We bring you the latest news of who's who and what's what from around the country.

ELECTRONIC DINOSAURS

Dinosaur fever sweeps Britain, thanks to Jurassic Park! Children will be clamouring for sweaters featuring Triceratops, Stegosaurus, Anatosaurus, Diplodocus and Tyrannosaurus Rex, to name just a few of these extinct creatures featured in the latest book from **Foxwood Designs**.

Here are fourteen bold single motifs in the form of mylar sheet templates, in a spiral bound book for just £3.50. If you don't feel like copying on to mylar sheets but have the Brother disk drive, you can buy the disk for £4.50. Disk and book set cost £7.00 and all prices include VAT and postage.

To obtain your copy send a cheque for the appropriate amount to Foxwood Designs Ltd., Stream House, Castle Hill, Rotherfield, East Sussex TN6 3RU.



DINOSAURS AND MORE FROM LEE BEE

Dinosaurs also appear in the latest of the **Lee Bee Electronic** design packs to be presented on disc for the Brother disc drive. Patterns on the disc include large motif patterns and some very lively smaller 24 stitch repeating patterns of many dinosaur species. This disc costs £6.95 plus 25p postage and packing.

Lee Bee produce some lovely designs for many different types of animals, from every variety of dog and cat to farmyard animals, forest creatures and ferocious wild beasts. For something a little different, take a look at their Nursery Rhymes, Boys and Girls, London, Sports, Music, or Aspects of Man.

Electronic knitters will find a copy of the Lee Bee Illustrated Catalogue invaluable when searching for a particular design. This catalogue costs £2.50 and includes a small illustration of each design from the 24 pattern discs available. Discounts are available to anyone ordering four or more disks - details of Lee Bee's various services, including individual selections or exclusive designing, are included in the catalogue. Please make cheques payable to L. Johns and send to Lee Bee, 104 Elford Crescent, Plympton, Plymouth, Devon PL7 4BT.

NEW CML STITCH PATTERN FOLIO

Two new titles have been added to the collection of electronic stitch pattern packs by CML Publications.

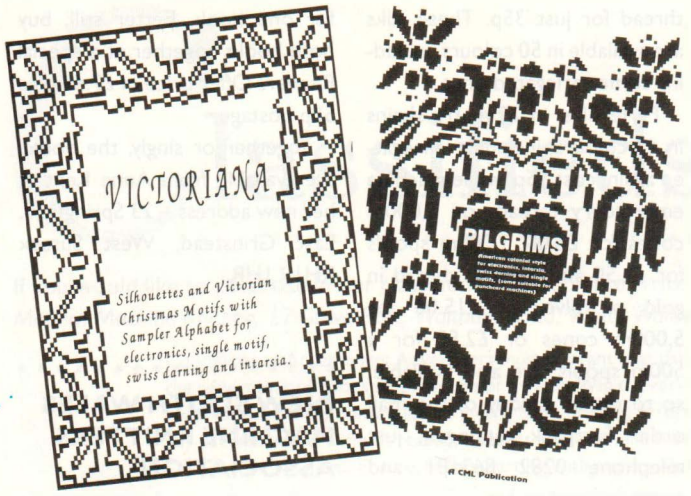
Victoriana is a collection of stitch patterns based on Silhouettes, Victorian Christmas Motifs and a Sampler Alphabet. The silhouettes include typically ornate and sentimental designs of the period, as well as some wonderful animals, sprites and children – a most unusual and striking selection.

Pilgrims, as the title infers, features patterns from the currently popular American Colonial look. Designs are adapted from quilts, embroideries, stencils, hand-painted furniture and other crafts taken to the new world by the early founders of the Nation. Ranging from small 24-stitch borders to large mirror image designs for electronic machines only, these designs are also suitable for intarsia, Swiss darning or Jacquard.

Punchcard knitters will be pleased to know that all the suitable designs from both these collections and from Primitif, with its vibrant tribal art and Eastern Promise have been gathered together to form a collection of 24 stitch designs entitled **Pick of the Punch.**

The three collections are presented in plastic wallets of loose leaf sheets, ready for copying on to mylar sheets or punchcards, at a cost of £4.50 each. Knitters with PPD, or PC computer programs can obtain the patterns on disk and save themselves a lot of time for £9.40, but don't forget to tell them your format. Both prices include postage and packing.

CML's latest colour publication is **A Stylish Carriage.** This col-


VICTORIANA
Silhouettes and Victorian Christmas Motifs with Sampler Alphabet for electronics, single motif, swiss darning and intarsia.
PILGRIMS
A CML Publication

lection of ten garter carriage designs by Teresa Schiff includes fashionable sweaters, tops, cardigans and a waistcoat for women and children. This new book costs £5.95, or it is available as a set combined with **Purls** and **Look, No Hands,** two earlier garter carriage collections, for the combined price of £13.00, a saving of £1.95 on the individual prices. All stitch patterns are available on companion disks for PPD or DesignaKnit at an extra £4.70 for each book.

Orders with cheques made out to CML should be sent to The Back Room (at Colourway) 112a Westbourne Grove, London W2 5RU.

CML have recently opened **The Back Room,** which is a shop in its own right at the back of Colourway. Here you will be able to see and buy all of the CML publications and at the same time feast your eyes on the wonderful Rowan yarns, kits and needle craft supplies provided by Colourway. You might even 'cheat' and buy one of CML's ready made samples from their books.

However, if London is too far away, you can 'phone Teresa on 071-229 1432 for their current free **newsletter,** which gives you full price and product lists covering an ever increasing range of crafts, kits and innovations.

NEW PRODUCTS FOR USA READERS

Two current ribbers are now being replaced by models with 'birdseye carriages'. The **FRJ-80** replaces the FRP-70 for use on 3.6mm fine gauge models and the **FRJ-70** takes over from the SRP-60N for all 4.5mm standard gauge models. These new ribbers offer the advantage of birdseye Jacquard, which most knitters prefer and find easier to knit.

The Spring/Summer '93 issue of **Studio by White Design** made it's debut in early May. Susan Guagliumi explained 'after years of producing a digest-sized, black and white magazine six times a year, we have taken the plunge by converting Studio by White Design to a full sized, full colour publication. This gives us a lot more flexibility in terms of providing patterns in all four gauges, highlighting more ways to use various accessories and addressing all knitters from beginner to advanced'. For subscription details please call Studio by White on 1-800-367-0518 or see your local dealer.

Good finishing can often be a product of good lighting and sharp vision, so Studio by White has introduced the **Beam and Read Magnifier** through their dealer network. The unit hangs around your neck on an adjustable strap, has a flashlight beam you can aim at your work and four different strength magnifying lenses to choose from.

Another useful accessory from Studio by White is the Mylar File, a legal-sized, side opening, expandable plastic envelope with easy access to contents.

NEW YEAR SPARKLE FROM MARY DOWSE

A beautiful dance dress pattern with optional drape has been created by Mary Dowse especially for readers of our sister magazine *Machine Knitting Monthly.*

Mary calls it a 'very easy' dance dress, which is just what we need to make, ready for that New Year party. It is knitted in five strands of Bramwell fine flat Lurex with a strand of matching 120's polyester thread to add a little extra firmness to the bodice.

The dress is strapless for up to size 14, but can be made as a separate skirt for larger sizes.

If you don't want to miss out on this special offer, look in *Machine Knitting Monthly* to find out how to order your copy. Alternatively simply send your cheque for £2.50 to Mary Dowse, 50 Saint Anne's Crescent, Lewes, East Sussex BN7 1SD to get instructions for your elegant 'Blue Danube' dress.

WEAR YOUR PET'S COAT

Pauline Walker, who is known to many knitters as The Button Lady, is a keen hand spinner and knitter. Since 1979 she has been spinning dog and cat hair into yarns that the owner can turn into exclusive sweaters, jackets or coats. Add a new dimension to the term 'his and hers' matching coats! You can now be as warm as your dog while taking the winter air, wearing the coat from his back.

Long haired dogs and cats require regular grooming to keep their coat in top condition. This can become a chore sometimes, but you can now tackle it with renewed enthusiasm, knowing that your efforts will be doubly rewarded.

Keep all the combings in a cardboard box, large paper sack (not plastic), or pillow case. When you have collected enough you can send it to Pauline, who will combine it with wool for extra strength, or with gold/silver lurex for evening wear and spin it into a yarn ready for knitting.

The cost varies according to the fibre you have the hair spun with, but starts at £1.75 per 25g ball.

The larger and hairier your dog, the more sweaters you will get each year. A Pekinese dog or Persian cat will generally only produce sufficient for one sweater every two years whilst a large Old English Sheep dog might give you two sweaters each year.

If you would like to spin your own animal hair, it is important to become proficient spinning sheep's fleece first, as hair is much more tricky to spin.

Send a stamped, self addressed envelope to The Button Lady, 16 Hollyfield Road South, Sutton Coldfield, West Midlands B76 1NX or telephone 021-329 3234 for details of getting the hair spun, or for details of spinning equipment.

MACHINE DYES

Dylon have introduced three new fashion colours to their range of machine dyes (washing machine not knitting machine!).

Winter Rose is a subtle dusky pink, Rosewood is a seductive rustic red while Blueberry gives you a bold bright blue.

Dylon machine dyes are available from haberdashery departments and fabric or craft shops and cost £3.99.

MONET 2 JEWELLERY FOR THE NEW YEAR

Monet is a leading name in fashion jewellery and, after 50 years creating classic designs, is now developing a range to appeal to the young at heart.

All Monet 2 jewellery is triple plated in 22 carat gold, looks terrific, but does not cost the earth.

For that last minute gift, pop into your nearest House of Fraser department store, or Harrods (if you are lucky enough to be in the area) and ask to see the new range, just the thing to set off your glamorous party knitwear.

6 ▶

CUT OUT THE BACKACHE!

Horn Furniture who make those lovely cabinets for hiding away our knitting and sewing machines have come up with a superb Cutting-out table.

This table has a surface of 180 centimetres by 100 centimetres when opened out and, to ease the aching back, is 89 centimetres high.

Designed for cutting out dressmaking fabric, it is ideal for any hobby use where sitting down to the job is difficult, but standing at a normal-height table can create terrible aches in the lower back – drawing out charting device patterns comes immediately to mind.

The table folds neatly to 36 centimetres x 100 centimetres so will tuck neatly away into a corner ready for use. But why hide it in the corner, it is a really attractive piece of furniture when folded.

For details of the entire Horn range of hobby-related furniture send a stamped addressed envelope to Horn Furniture (UK) Ltd., Unit 2, Brookwood Industrial Estate, Brookwood Avenue, Eastleigh, Hampshire SO5 4EP.

THE LAST KNITTING MACHINE GET-TOGETHER

Alice Wilmhurst, famous for her little *Knitting Machine Journals*, organised what she declared to be her final Knitting Machine exhibition in Lydney on 31st July.

This was a tremendous success for everyone involved. Knitting is often at a low ebb in the summer months and the Get-Together provided the first meeting of exhibitors for several months, as well as an incentive to all knitters not to simply pack away their machines for the summer. Almost 800 knitters attended the exhibition on a lovely sunny day where, after filling their heads with ideas of garments to knit and yarns to buy, everyone could eat hot dogs, burgers or ice creams in the sunshine.

Alice has an incredible amount of energy and enthusiasm, much of which is devoted to machine knitting and knitters, through her home-produced journals. The *Knitting Machine Journal,* for all machine knitters, *Passap Knitting Machine Journal*, for all Passap and Pfaff Duomatic knitters and the *6000 Journal,* for Passap and Pfaff E6000 knitters, have provided encouragement and a friendly read for many years now.

The Get-Togethers also have this same friendly atmosphere and we shall be sorry to have seen the last. We have all thoroughly enjoyed them and thank Alice for her efforts in organising them. So Alice, when you have had the time to recover from this one, please do give a thought to perhaps holding just one more!

For more details of the various Journals please send a stamped addressed envelope to Alice Wilmhurst, 'Hawthornes', Whitecroft, Forest of Dean, Gloucestershire GL15 4PF.

SILKEN STITCHES

Embroidery, whether on canvas, fabric, or knitwear, is extremely popular at present.

So we are pleased to hear that **Empress Mills,** one of the few remaining manufacturers of sewing thread in the UK, are offering their extensive hand embroidery range at prices well below those charged in high street shops.

Their mail order company, Sew and Save, received many requests for embroidery silks, so they asked their customers exactly what they required and have produced the range of colours, lustre and stitch coverage requested.

The new hand embroidery silk range includes six-stranded skeins containing eight metres of thread for just 35p. These silks are available in 50 colours, including some variegated ones.

Perle silks, in 25 metre skeins in 42 colours, including variegated again, cost 55p, while machine embroidery threads on 5,000m cones for £6.00, 1,000m spools for £2.50 and Metallic thread in gold or silver at £15.00 for 5,000m cones or £2.50 for a 500m spools, are also available, so to obtain a copy of the mail order Factpack catalogue, just telephone 0282 863181 and speak to Janet or Ivy.

Empress Mills recently sponsored the exhibition **'A Splash of Colour'**, a stunning exhibition of items produced by members of the Young Textile Group now at Sheffield from 9th October to 20th November; Durham Light Infantry Museum & Art Gallery from 18th December to 23rd January; The Arts Centre, Darlington from 28th January to 5th March and the Scottish Amicable Building Society, Glasgow from 28th March to 15th April.

The Young Textile Group of the Embroiderers Guild is for young people aged five to eighteen and membership is open to individuals or groups. For more information about the exhibition please telephone the Embroiderers Guild on 081-943 1229.

SIZE RIGHT EXTRA

If you have been using *Size Right,* you will certainly welcome *Size Right Extra* by Anne Kent, containing methods and notes for calculating set-in sleeve sweaters and sideways knitted sweaters.

The original **Size Right** booklet contains a basic pattern and tables to cut out the tedious calculations required for working out how many stitches and rows you will require to knit a drop shoulder sweater of a certain size. Clearly written notes explain how to work out the increasing/decreasing for shaping sleeve seams and necklines.

Both books are suitable for any gauge machine and are in a spiral bound, A4 format. Size Right costs £4.95 and Size Right Extra is £3.50. Please add 30p postage for one book. Better still, buy both books together at a special Readers Offer price of £7.45 plus 50p postage.

Together or singly, the books are available from Anne Kent at her new address – 23 Springfield, East Grinstead, West Sussex RH19 1HR.

NEW SOUTH WALES MACHINE KNITTERS ASSOCIATION

This is a very active machine knitting association which produces a quarterly newsletter and organises workshops with local tutors, as well as well known visiting tutors from overseas.

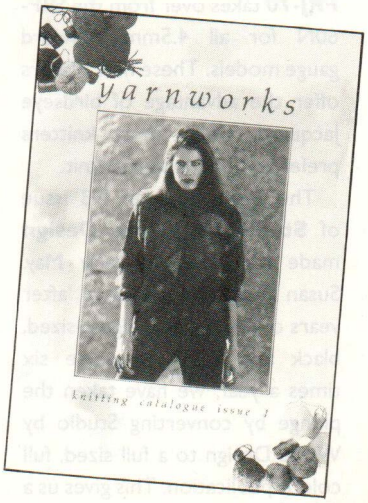
The 1993 workshops included ones by Susan Lazear and Linda Schuster and Denise Musk will be visiting to hold workshops in Sydney and possibly elsewhere in Australia in 1994.

Full details are available from the Secretary, Mrs Margaret Sturrock, 40 Jenner Street, Baulkham Hills, NSW 2153.

YARNWORKS

The first Yarnworks mail order catalogue is full of lovely, well known brands of hand knitting yarns with patterns to complement them. These range from simple children's Fair Isle to the fabulous Designer Collection.

For your copy send to R.K.M. Wools, 36-39 Chester Street, Wrexham, Clwyd LL11 8AH.



NINA MIKLIN YARNS

Nina Miklin's beautifully luxurious **Angora** is now available by mail order in four new colours which are designed to co-ordinate with other yarns in the range. 04 is exactly the same as the 04 of Carino; 42 is a slightly lighter navy than colour 42 of Roma and Carino; 78 is a bit lighter than 78 of Roma and 47 is lighter and slightly duller than 51 of Roma.

Bellini is now available in a finer, 2/28's count in colours 22, 08, 17, 43, 35, 53 and 29. The great benefit of such fine yarns is that you can choose how thick to use it by knitting singly, double or even treble stranded. Two strands of the new 2/28 will knit to exactly the same tension as a single strand of the 2/14 yarn.

All the Nina Miklin range of finer yarns can be supplied ready wound on cone, either single, double or treble stranded provided that you remember to state your requirements on the order. For further details, write to Nina at 104 Biddulph Mansions, Elgin Avenue, Maida Vale, London W9 1HU.

LA RIVIERE

To long-term machine knitters the name La Riviere is synonymous with machine covers and blocking cloths. We have been using them for many years to keep our machine(s) free from dust and for blocking our garment pieces before making up.

Every new knitter should be aware of the benefits of keeping the knitting machine covered when it is not in use. Knitting machines and particularly electronic machines attract dust. The dust can combine with the oil, applied to make the carriage glide easily across the bed, to create a paste, which can cause wear to the metal parts.

A **machine cover** from La Riviere is light, dust impervious and waterproof. They are available for all machines (you must specify the type when ordering as each is different) and come in many colours. There are also covers for sewing machines, linkers, over lockers and machine lids. Have matching covers made for your computer and keyboard if you have one. Cover prices vary according to machine but start at as little as £3.25.

Knitters attending classes in which they have to take their ribbers (tutors too for that matter!) will find the **Ribber Carrying Bag** invaluable. Produced in heavy duty canvas with zip fastener and velcro pockets for weights and a pouch for other accessories, it costs £12.95 plus £1.25 postage.

Blocking cloths are made from heavy duty cotton drill with grids printed in either inches or centimetres. There is also a reversible one with inches on one side and centimetres on the other. If you do not like your size in centimetres – just turn over and block the pieces in inches, they always sound smaller!

The grids really are essential to good blocking. Garment pieces can be blocked to the correct size whilst keeping the edges straight following the grid lines.

Blocking cloths cost £10 for the unbleached single sided cloth and £14 for the Navy double sided cloth.

La Riviere's latest invention is the **Cone Ladder.** These ladders can be hung on the wall, the side of a wardrobe, in the corner of an angled staircase, or on the end of your already overflowing yarn shelves (provided they are strong enough)!

A set of six brackets to hold 12 cones, measures approximately 5ft and costs £7.25 plus £1.15 for postage.

All items are available from La Riviere, 67 Bartholomew Road, London NW5 2AH. Telephone 071-267 2712 for the price of machine covers to fit your model.

ROWAN AUTUMN YARNS

Rowan's Autumn/Winter magazine is now available from Rowan stockists nation-wide and features all the latest of their seasonal yarn palette.

Chunky knitters will delight in the new colours of Chunky Fox Tweed, Magpie and Magpie Tweed from grass green to bold amethyst, scarlet, red, Polar white and grey coloured Whale.

Knitters with double knit gauge machines can have a field day with Rowan yarns. Some of the double knit yarns include the huge range of Designer Double Knit Wool, Wool and Cotton, Edina Ronay Silk and Wool, Kaffe Fassett's Kid/Silk and Double Knit Fox Tweed.

Standard Gauge knitters should not feel left out with the extensive colour range of 4 ply Botany, Donegal Lambswool Tweed and Fine Cotton Chenille.

Although the majority of these yarns will be found in hand knitting wool shops, many are available on cone if you just ask the retailer. Or write to Rowan at Green Lane Mill, Holmfirth, West Yorkshire HD7 1RW for details of their nearest coned yarn stockist.

KNITTER'S DATABASE

Now you can keep all your customer information safely stored away in your computer's hard disk, or on floppy disk, with the latest program from Terry Mason, a pioneer in bringing the home computer and home machine knitter together.

The database has been specially written with space for all the information we knitters require. Names and addresses of customers can be stored side by side with information about garment measurements. Your records can be amended or sorted and a printout can be obtained with the garment details included, or you can print out labels for quick mailing.

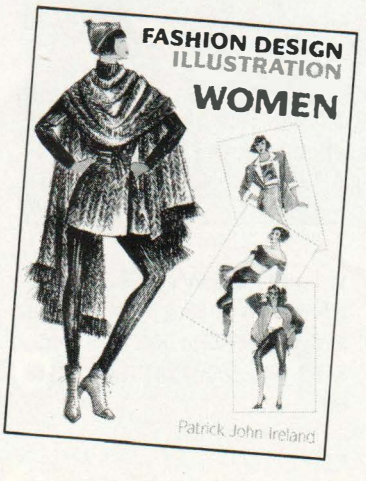
The program costs £24.95 for the PC version and £21.95 for the Amstrad CPC 6128 version, from Terry Mason, 15 Inishmoyne Green, Antrim, Northern Ireland BT41 4JZ.

FASHION DESIGN ILLUSTRATION, WOMEN

This is the latest book by Patrick John Ireland who is well known for his excellent presentation techniques. This book is just what is needed by all Fashion Design students, whether full time in college or studying part time for the City & Guilds Certificate.

There is a little bit of everything, from drawing the figure, to drawing details and drawing and presentation of complete garments.

The final presentation is crucial to the overall appearance of



any display of finished work. Beautifully presented drawings can make the difference between getting that coveted commission or losing it to another designer, even though their practical work may not be any better than your own.

Now you can use some of the techniques, described and fully illustrated in this book by Patrick John Ireland, to enhance your presentation.

Published by B.T. Batsford Ltd., 4 Fitzhardinge Street, London W1H 0AH, ISBN 0-7134-6622-7, it can be ordered from your local book shop at £12.99.

Rosie & Jim

Two of the most popular children's characters adorn these delightful cardigans produced for you courtesy of Robin Wools. They are knitted by the intarsia method on a double knit gauge machine in Robin New World DK.

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for 6.5 mm double knitting machines with intarsia facility.

MATERIALS
Robin New World DK. (Yarn Guide No. 15.)
Cardigan 1
3 [3, 4, 4] x 50g balls in Purple (MC).
A small amount in Black (A), Yellow (B), Brown (C), Cream (D), Red (E), Rust (F) and Blue (G).
Cardigan 2
3 [3, 4, 4] x 50g balls in Purple (MY).
Both Cardigans
Pair of 3¼ mm knitting needles.
6 [7, 7, 8] buttons.

The fibre content of this yarn is 75% Acrylic, 25% Wool. For further information about this yarn, please write to the following address:- Robin Glew & Co. Ltd., Leeds Road, Green Gates, Bradford BD10 9TE.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 51 [56, 61, 66] cm, 20 [22, 24, 26] in.
Actual size 60 [63, 69, 74] cm, 23½ [25, 27, 29] in.
Length to shoulder 30.5 [34.5, 38, 42] cm, 12 [13½, 15, 16½] in.
Sleeve seam 18 [20, 23, 25] cm, 7 [8, 9, 10] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
22 stitches and 30 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment. Always twist yarns together when changing colours in intarsia to prevent a hole forming.

CARDIGAN 1

BACK

Push 68 [72, 78, 84] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 80 [92, 102, 114] rows. Cast off.

LEFT FRONT

Push 31 [33, 36, 39] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at left. Set RC at 000. Using MC, K 4 [4, 6, 6] rows. Counting from right edge, cont in intarsia patt from chart A over Ns 4 to 21 inclusive. K 52 [52, 58, 58] rows. Cont in MC, K 9 [21, 23, 35] rows.

Shape Neck

Cast off 5 [5, 6, 7] sts at beg of next row. Dec 1 st at neck edge of next and every foll alt row until 22 [24, 26, 28] sts rem. K 7 rows. Cast off.

RIGHT FRONT

Work as for left front, reversing shapings by reading right for left and left for right and chart B instead of chart A.

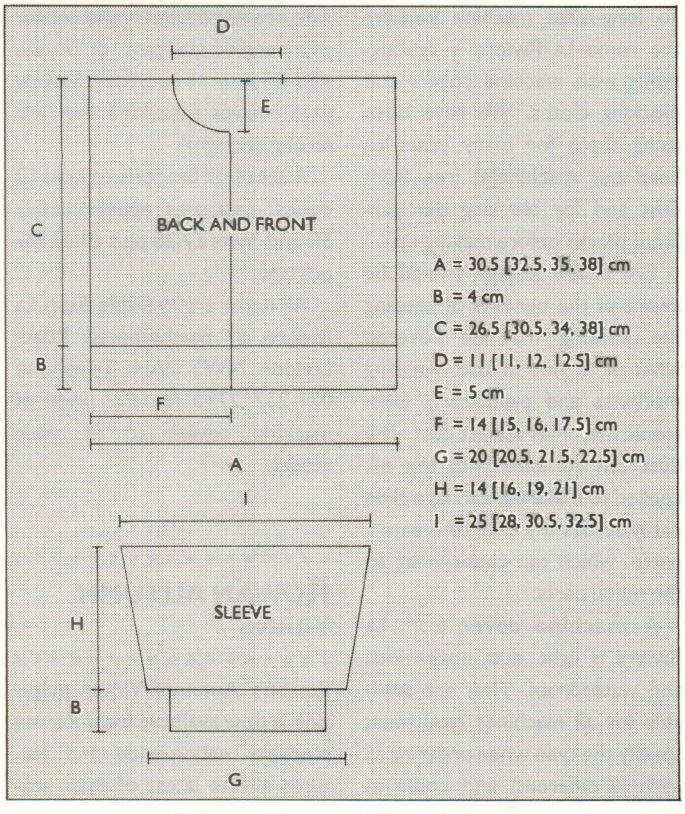
SLEEVES

Push 44 [46, 48, 50] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 2 rows. Shape sides by inc 1 st at each end of next and every foll 6th [5th, 5th, 5th] row until there are 56 [62, 68, 72] sts. K 9 [10, 9, 10] rows. RC shows 42 [48, 57, 63]. Cast off.

BACK WELT

With P side facing and using 3¼ mm needles, pick up 68 [72, 78, 84] sts along lower edge. With K side facing and using MC, K 1 row. Dec 1 st at end. 67 [71, 77, 83] sts.

* **1st Rib Row:** P 1, * K 1, P 1; rep from * to end.
2nd Rib Row: K 1, * P 1, K 1; rep from * to end.



Reproduced courtesy ROBIN WOOLS

10 ▶

Rep these 2 rows until welt measures 4 cm, 1 1/2 in. Cast off in rib *.

FRONT WELTS

With P side facing and using 3 1/4 mm needles, pick up 31 [33, 36, 39] sts along lower edge. With K side facing and using MC, K 1 row. Dec 1 st at side edge on 3rd size. 31 [33, 35, 39] sts. Work as for back welt from * to *.

CUFFS

With P side facing and using 3 1/4 mm needles, pick up 44 [46, 48, 50] sts along lower edge of sleeve. With K side facing and using MC, K 1 row, dec 9 sts evenly. 35 [37, 39, 41] sts. Cont in rib as for welts until cuff measures 4 cm, 1 1/2 in. Cast off in rib.

RIGHT FRONT BORDER

With K side facing and using 3 1/4 mm needles and MC, pick up and K 10 sts along welt and 55 [67, 73, 87] sts along front edge. 65 [77, 83, 97] sts. Cont in rib as for welts, work 3 rows for girl or 5 rows for boy.

Girl's Version

1st Buttonhole Row: Rib 4, * cast off 2 sts, rib until there are 11 [11, 12, 12] sts on right-hand needle after buttonhole; rep from * 3 [4, 4, 5] times more, cast off 2 sts, rib to end.

2nd Buttonhole Row: Work in rib, casting on 2 sts over those cast off in previous row.

Girl's and Boy's Version

Work 3 rows in rib. Cast off in rib.

LEFT FRONT BORDER

With K side facing and using 3 1/4 mm needles and MC, pick up and K 55 [67, 73, 87] sts along front edge and 10 sts along welt. 65 [77, 83, 97] sts. Cont in rib as for welts, work 5 rows for girl or 3 rows for boy.

Boy's Version

1st Buttonhole Row: Rib 7 [6, 7, 7], * cast off 2 sts, rib until there are 11 [11, 12, 12] sts on right-hand needle after buttonhole; rep from * 3 [4, 4, 5] times more, cast off 2 sts, rib to end.

2nd Buttonhole Row: Work in rib, casting on 2 sts over those cast off in previous row.

Girl's and Boy's Version

Work 3 rows in rib. Cast off in rib.

NECKBAND

Join shoulder seams. With K side facing and using 3 1/4 mm needles and MC, pick up and K 6 sts along top of right front border, 21 [21, 22, 23] sts evenly up right side of neck, 24 [24, 26, 28] sts across back neck, 20 [20, 21, 22] sts evenly down left side of neck and 6 sts along top of left front border. 77 [77, 81, 85] sts. Cont in rib as for welts. Work 3 rows for girl or 2 rows for boy.

1st Buttonhole Row: Rib 3, cast off 2 sts, rib to end.

2nd Buttonhole Row: Work in rib, casting on 2 sts over those cast off in previous row. Work 3 rows in rib. Cast off in rib.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

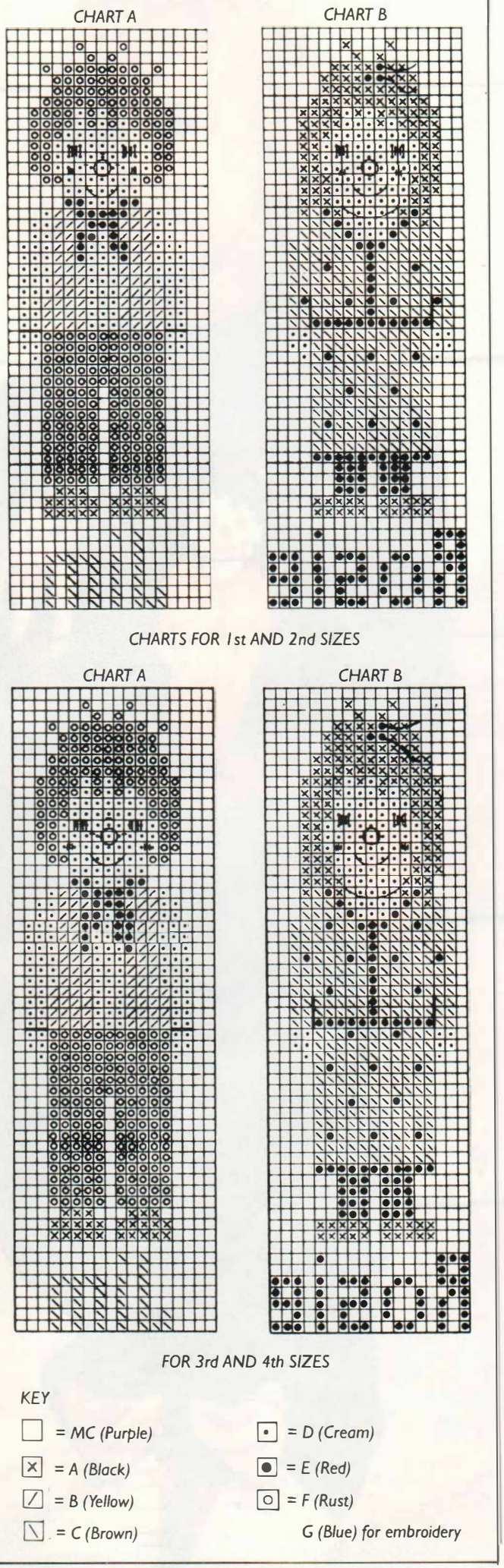
MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Sew on buttons. Using appropriate colours, embroider remainder of chart as shown.

CARDIGAN 2

Work as for cardigan 1 omitting intarsia and using MY throughout.

Knitters who do not have an intarsia carriage could quickly Swiss darn the 18-stitch wide characters on to plain stocking stitch cardigans.



August competition result

The solution to our August competition was 'Silent was the flock in woolly fold' by John Keats.

Congratulations to Mrs A. M. Vick of Dursley, Gloucestershire who wins the first prize which is £100 worth of beautiful Bramwell yarns. Our congratulations also to our two runners up, Brenda Mitchell of Margate and Mrs P. Carter of Trawsfyndd, Gwynedd, who each win £50 worth of Bramwell yarns.

If your New Year resolution is not to buy more yarn without knitting some of your stockpile first, these prizes should certainly keep you happy without breaking your resolution!

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	J	O	I	N	–	U	P	–	–	–	–	–	–
2	O	F	F	–	T	H	E	–	C	U	F	F	–
3	H	E	M	M	E	D	–	I	N	–	–	–	–
4	N	E	E	D	L	E	–	M	A	T	C	H	–
5	K	N	I	T	W	E	A	R	–	–	–	–	–
6	E	Y	E	–	T	O	–	E	Y	E	–	–	–
7	A	R	A	N	–	S	W	E	A	T	E	R	–
8	T	U	C	K	–	I	N	–	–	–	–	–	–
9	S	H	E	T	L	A	N	D	–	P	O	N	Y

9A	5C	4E	4B	7D	8A
S	I	L	E	N	T

7G	5G	7F
W	A	S

5D	3A	4F
T	H	E

2B	4E	6F	21	5A
F	L	O	C	K

8F	8G
I	N

5E	1B	2A	4E	9E	6B
W	O	O	L	L	Y

2C	9K	9E	4D
F	O	L	D

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HOLLAND – Projeko, Raamsingel 30, 2012, DT, Haarlem.

Club speakers

TERRY ARMITSTEAD and JANE HUNTINGFORD

c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 9AY.
Tel: 0243 826125

Subject: Combined talks on:
TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines. A fun and informative talk with plenty of samples.
TALK 2: "Inspirational Variations". How to get more out of your punchcard and electronic designs, plus all the latest of our products.

Travel: No restriction.

RUTH COX

Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.
Tel: 0582 605808

Subject: No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.

Travel: 50-mile radius, further by arrangement.

MAUREEN COXON

29 Walthamstow Drive, Derby DE3 3GZ.
Tel: 0332 45357

Subject: Fashion design, streamlined construction and individual finish topics, e.g. "Lovely and large", etc., "stitch related graph tracing paper". SAE for descriptive lists.

Travel: 60-mile radius, further by arrangement.

WENDY DAMON

9 Sedley Close, Cliffe Woods, Rochester, Kent ME3 8HE.
Tel: 0634 221629

Subject: Design Ideas, Using Punchcards Creatively, Double Jacquard, Surface Decoration and more – send for full details of talks and workshops.

Travel: 100-mile radius of Rochester for talks, more for workshops.

ANN DISHMAN

Briarbank, Highview Lane, Ridgewood, Uckfield, East Sussex TN22 5SY.
Tel: 0825 767757

Subject: Life with Angoras. Angora yarn; its uses, handspinning for the knitting machine. Rainbow dyeing of commercial and handspun yarns with demonstrations.

Travel: Reasonable distance as rabbits also travel to clubs.

ANN DURKAN

Michaelmas Cotttage, Twineham, West Sussex RH17 5NN.
Tel: 0444 881556

Subject: Lively lecture by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on *Elegance made Easy*. Plenty of sample garments to try on and have fun with. Workshops also arranged.

Travel: No restriction.

WENDY ENGLISH

1 Brooke Avenue, Boldon Colliery, Tyne & Wear NE35 9ED.
Tel: 091-537 4338

Subject: Brother Electronic. Basic to advanced techniques; ribber; single and double bed colour changer; decorative hems and ribs; overcoming patterning width to create large motifs automatically; history of machine knitting.

Travel: 50-mile radius, further by arrangement.

B HAGUE & CO LTD

Mile End Road, Colwick, Nottingham NG4 6DW.
Tel: 0602 870031

Subject: We now have staff available to visit clubs demonstrating the use of the Hague Linker, for joining garment seams, applying neck bands, chain stitch decoration, making hems and more.

Travel: Any distance considered.

JACPACS

19 South Road, Portishead, Bristol BS20 9DU.
Tel: 0275 842677

Subject: Double Jacquard knitting, an informative talk and demonstration on all aspects of double Jacquard knitting, using the double bed colour changer or the Jac-Card, covering design and punchcard conversion. Workshop days by arrangement.

Travel: Within 100 miles of Bristol.

CHRISTELLE MARKS JEFFERY

Christelle Creations, Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU.
Tel: 0903 743147

Subject: 'No Sew' Appliques and Garment Decorations for knitwear, leisurewear and special occasions (and even home decor). Club visits, workshops and Day Courses.

Travel: Any distance considered.

ROZ KELLETT

68 St Aubins Avenue, Bitterne, Southampton, Hampshire SO2 8NW.
Tel: 0703 446389

Subject: Take the tension out of knitting. A designer shares her secrets and enthusiasm for the craft we all love.

Travel: South of England, elsewhere by request.

ANNE KENT

23 Springfield, East Grinstead, West Sussex RH19 2RT.
Tel: 0342 313562

Subject: Informative talks; Sideways sweater to your size; Size right; Punchcard designing; Pockets galore.

Travel: Reasonable distance from Croydon.

JACPACS

19 South Road, Portishead, Bristol BS20 9DU.
Tel: 0275 842677

Subject: Double Jacquard knitting, an informative talk and demonstration on all aspects of double Jacquard knitting, using the double bed colour changer or the Jac-Card, covering design and punchcard conversion. Workshop days by arrangement.

Travel: Within 100 miles of Bristol.

PEGGY LA RIVIERE

67 Bartholomew Road, London NW5 2AH.
Tel: 071-267 2712

Subject: The blocking cloth and finishing; demonstrations of stitched appliqué on knitwear; a good way of using up tension swatches.

Travel: Up to two hours from London, further by arrangement.

VALERIE MEECHAM

White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ.
Tel: 04605 4670

Subject: Single and double bed work on Japanese and Swiss machines; 14 subjects; New techniques; Talks and Demonstrations.

Travel: 90-mile radius of Ilminster.

CAROLE MOUNCE-STEPHENS

'Carole Anne', 108 Broadway, Southbourne, Dorset BH6 4EH.
Tel: 0202 425244

Subject: Any topic on Japanese machines. 'Machine knitting – the easy way.'

Travel: Reasonable distance from Bournemouth.

POSH FROCKS by ANN BROWN

35 The Links, Whitehall, Bordon, Hampshire GU35 9HB.
Tel: 0420 474904

Subject: All aspects of design from techniques to pressing, including slide show, also Passap/Pfaff.

Travel: Club Talks – 100 miles. Workshops/Hands on – any distance.

JENNY ROSE

12 Bercta Road, London SE9 3TZ.
Tel: 081-859 2745

Subject: Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.

Travel: No restriction.

ANN ROSS

Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY.
Tel: 0787 476540

Subject: Any subject on the Japanese machines. Yarns and books available.

Travel: 60-mile radius. Further by arrangement.

JANET SPINK

9 Fairview Close, Drayton, Norfolk NR8 6RT.
Tel: 0603 867332/0860 620407

Subject: Ex-brother demonstrator. Will demonstrate most knitting techniques, including fancy ribber stitches, jacquard, neck bands, garter bar, Brother electronics, technical lace, etc. Workshops arranged.

Travel: Up to 200 miles.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.
Tel: 0730 893654

Subject: Cut and sew, i.e. dressmaking with fabrics made on your machines.

Travel: No restriction.

TRISHA WHITFIELD

5 Brentwood Avenue, Cadishead, Manchester M30 5JS.
Tel: 061-775 5257

Subject: Pressing knitwear; Appliqués; Fabric paints and how to get the most out of them; Designer techniques and how to make the most of your knitting.

Travel: Distances covered normally within 100-mile radius of Manchester, but special arrangements can be made for longer distances.

1111 Mdn

Clubs, classes & courses

Pam Turbett tells us she will be teaching two residential Cut and Sew weekends in the South:

February 4th to 6th at Dillington House, Ilminster, Somerset TA19 9DT. Telephone enquiries to 0460 52427.

April 15th to 17th at Missenden Abbey, Great Missenden, Buckinghamshire HP16 0BD. Telephone enquiries to 0494 890298 (early booking in this popular setting is strongly recommended).

A longer course will be held from March 7th to 11th at The Old Rectory, another country-house setting, at Fittleworth, Pulborough, West Sussex. It will cover making a waistcoat as well as the basic techniques and you can address telephone enquiries to 079882 306.

East Birmingham College is currently running City & Guilds 7900 Machine Knitting Part One courses at its Golden Hillock Road Annexe and its Naseby Centre. For further details please telephone 021-766 8747.

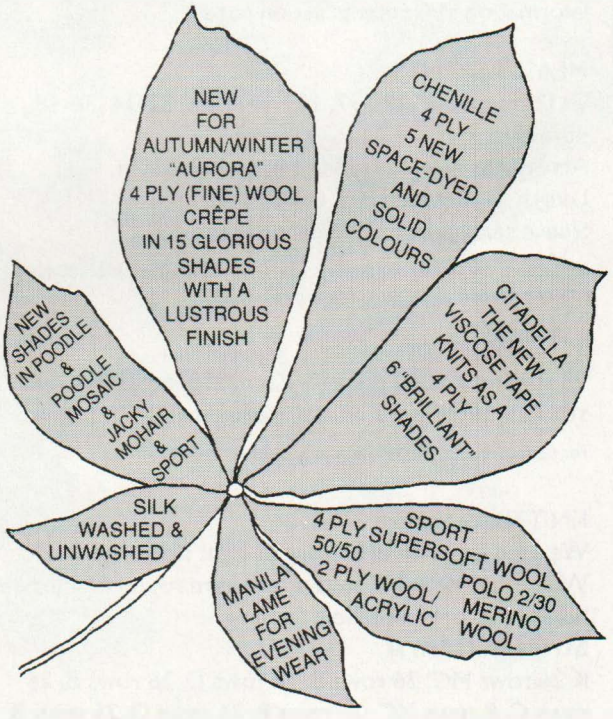
East Grinstead Machine Knitting Club meets on the third Monday of each month (except August) at The Small Parish Hall, De La Warr Road, East Grinstead from 7.30pm to 9.30pm.

New members are welcome. Please contact Helen Warth on 0342 87417 or Caroline Bentley on 0342 810815.

Marion Hall is again teaching several different machine knitting classes, with one to suit every range of ability.

Fact sheets are available from East Grinstead Adult Education Centre, Windmill Lane, East Grinstead, Sussex RH19 2DU, telephone 0342 321874 or else to the Thomas Bennett Community College Department of Adult Education, Tilgate, Crawley, West Sussex RH10 5AD, telephone 0293 523 811.

AUTUMN/WINTER YARNS & COLOURS FROM YEOMAN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Orderly stripes

Knit this fashionable long-line tunic using all those cone ends. Vary the stripes to suit the amount of yarn you have on each cone. Or use the lovely Forsell colours we've chosen and knit several tunics changing the depth and frequency of the stripes.

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS
Forsell's 4-ply Pure New Wool. (Yarn Guide No. 11.)
1 x 500g cone in Bottle (MC).
1 x 500g cone in Soft Pink (A).
1 x 500g cone in Amethyst (B).
1 x 500g cone in Heather (C).
1 x 500g cone in Thistle (D).

GARMENT WEIGHT
Finished garment in first size weighs 590g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE8 2SG.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 114 [124, 134] cm, 45 [49, 53] in.
Length to shoulder 78.5 cm, 31 in.
Sleeve seam 44 cm, 17½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
28 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7••).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

Stripe Pattern A
K 26 rows MC, 26 rows B, 26 rows D, 26 rows B, 26 rows C, 8 rows MC, 26 rows B, 26 rows D, 26 rows B, 26 rows A and 26 rows C.

Stripe Pattern B
K 26 rows B, 26 rows D, 26 rows B, 26 rows A, 26 rows C, 26 rows MC and 26 rows B.

BACK

With carriage at right, push 162 [176, 190] Ns on each bed at centre to WP for double rib/full needle rib. Using MT–7••/MT–7•• and MC, cast on. Using MT–2/MT–2, K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Transfer sts as on diagram. Set RC at 000. K 38 rows. Transfer sts for st st. Set RC at 000. Using MT, cont in stripe patt A. K 164 rows.

Shape Armholes
Cast off 18 sts at beg of next 2 rows. 126 [140, 154] sts *. K 102 rows. RC shows 268. Using MC, K 1 row. Transfer sts for 1x1 rib. Using MT–3/MT–3, K 20 rows. Transfer sts to main bed. Cast off.

FRONT

Work as for back to *. K 86 rows.

Shape Neck
Push 86 [94, 102] Ns at left to HP and cont on rem sts for first side. K 2 rows. Push 4 Ns at neck edge to HP on next and foll alt row, K 1 row. Push 3 Ns at neck edge to HP on next and foll alt row, K 1 row. Push 2 Ns at neck edge to HP on next and foll 2 alt rows, K 1 row **. Push rem 20 [26, 32] Ns to HP. With carriage at left, push 40 [46, 52] Ns at left from HP to UWP. Finish to correspond with first side to **, reversing shapings. Push all Ns from HP to UWP. Using MC, K 1 row. Transfer sts for 1x1 rib. Using MT–3/MT–3, K 20 rows. Transfer sts to main bed. Cast off.

SLEEVES

Push 102 Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Cont in stripe patt B, shape sides by inc 1 st at each end of every 5th row until there are 160 sts. K 11 rows. Place marker at each end. K 26 rows. RC shows 182. Cast off.

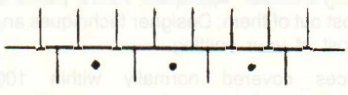
CUFFS

With carriage at right and using B, cast on 84 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 20 rows. Transfer sts for st st. With P side of sleeve facing, replace sts on to Ns, gathering evenly. Using MT, K 1 row. Cast off.

POCKETS

With carriage at right and using C, cast on 52 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 12 rows. Transfer sts for

NEEDLE DIAGRAM



Shirt, NEXT. Leggings, DEBENHAMS.

Letters, hints & tips

Share your ideas and thoughts, hints and tips with other readers each month. We pay £5 for every letter we publish, provided it has not already been published elsewhere, plus a subscription to *Modern Machine Knitting* if yours is chosen as our letter of the month.

NON-WAVY RIBS

I am sending you my method of casting on for ribs. I had not thought that it was unusual until I was asked to demonstrate it at my local knitting club. So many people asked how I managed 'non-wavy' ribs that never stretched, no matter how many washes or how hard the wear.

1. Thread up main yarn and knit-in elastic through separate tension masts. Elastic should be fairly loosely threaded.
2. Work zig-zag row at tension 0 using both yarn and elastic and working from right to left.
3. Hang cast on comb, no weights yet.
4. Tension 1, work four circular rows for closed edge. Carriage at left. Break knit-in elastic close to the work.
5. Hang appropriate weights and carry on with rib at tension 3, using yarn only.

It may be more difficult than usual to remove the wire from the comb but this is only a matter of practise.

The tensions I have given are for four-ply and using a Brother 891.

EXTRA TIP

I have a small bead super-glued to the end of my ribber wire which makes pulling it out easier.

This was done, incidentally, as an emergency measure when the end of my rib comb wire broke and I could not get a spare locally. I have now done the same to my shorter comb and found it so much easier to use. Care should be taken that the bead is not too large as it has to fit through the gap between ribber and main bed.

Thank you all for a very interesting and informative magazine.

Yours sincerely,
Shirley Ryan
Weymouth, Dorset.

Thank you Shirley for the tip about the ribs which is very useful to know, so many knitters are unhappy with their ribs especially on some of the fancy yarns. The tip about the bead is a little gem and will, we are sure save a few broken nails and mutterings.

A QUESTION

I would like to add that I was so attracted by your pattern 7 'Top to Toe' in the April 1993 issue (baby co-ordinates) that I decided to knit some sets in the same colour combination in aid of the local hospice. They did not all sell at a Craft show and I am now wondering where the best place would be to sell them. I know that they could go into a Hospice shop but I do not think that they would fetch the right price. If any readers have any suggestions I would be pleased to hear from them.

Knitting for worthy causes does present pricing problems because the places where the events take place are often events where people are not expecting to spend much money such as Church bazaars and so on. We would be pleased to hear from any readers who might have some helpful suggestions which we can pass on.

A QUICK TRANSFER

I have found a quick and easy way to transfer stitches for a 2x1 mock rib or 1x1 for (say) eyelet holes. I do this by using the lace *without* a punchcard or mylar sheet. Just push the needles forward with the appropriate pushers, making sure that the stitches are not behind the latches (otherwise you will lose them). Weight the knitting, knit one row across with the lace carriage and the stitches are transferred. When the lace carriage is removed the needles are left in the upper working position so they can be pushed back or forward (or left as they are) for continuing with the knitting.

Yours sincerely,
Mrs P. Beston
West Wittering, Sussex.

Thank you Mrs Beston, anything that saves time when we are knitting is always welcome and it is also good to find extra uses for the equipment other than all the usual things.

ALL IN ONE BAND

I would like to share with other knitters, who, like me hate sewing and do not have a linker, a technique I worked out to knit a 'south to north' front band for a cardigan and attach it at the same time. Because of the length of the garment I was making and the fineness of the yarn, I did not have enough needles to hang the front edges on the machine and knit the front band 'east to west', as I usually do. However, this technique works in a similar way for vertical bands. Since I have not seen it described anywhere, I assume that it will be new to other knitters too. As I do not have a ribber, I was making a hem-type band to be folded back on itself, but the technique should also work with ribbing.

Firstly join the shoulder seams as usual. (The stitches across the back neck should be held on waste yarn.) Mark where you want to place any buttonholes with pieces of coloured yarn. Then cast on the number of stitches required for the band – twice the width of the finished band if it is to be doubled back. You can cast on with waste yarn or directly in the main yarn depending on how you prefer to finish the ends. Knit one row in the main yarn. Then, beginning at the bottom edge of the left front with the wrong side facing you, pick up the first loop as if you were going to hang the whole front edge. You can use the second side of the 'V' of the first stitch from the edge, but I prefer the first side of the second stitch in from the edge as it makes a neater finish, particularly for a garment knitted in Fair Isle. Put this loop on the same needle as the first stitch on the left side of the band and knit one row. Pick up the loop in the row directly above the last loop, place it on the same left hand needle and again, knit one row. Continue this way, picking up one loop for each row of the front, placing it on the left-hand needle for the band and knitting it, together with the left stitch of the band all the way up the left front.

Because the band is knitted in the same direction as the fronts, there will be the same number of rows in the band as for the fronts; therefore pick up one loop for each row of the front and knit one row between each loop picked up. Across the back of the neck, where you will be knitting in a different direction from the

back, you will need to work out the ratio between the rows and stitches and knit the occasional extra row without picking up a stitch. I found that I needed one extra row for every ten rows of the band: knit ten rows picking up a stitch between each row, then knit one row without picking up a stitch. Leave the waste yarn across the back of the neck in place until the band is finished. Continue down the right front of the cardigan as for the left front. Make buttonholes by knitting in lengths of coloured yarn in each half of the band and finishing them by hand later. When you reach the bottom edge, either cast off or take the stitches off on to waste yarn. Press the band to remove some of the curl. Turn the ends back on themselves (right sides together) and join them. I knitted them together before removing the waste yarn. Then turn the band right side out and catch the free edge in place on the wrong side.

The front band should be knitted a little tighter than the main knitting. If the main knitting is a pattern such as Fair Isle, you should first knit a tension piece in plain knitting that measures slightly less in length. If the main knitting is stocking stitch, simply set the tension dial slightly lower. You can knit a trial band on the edge of a tension piece you made for the main knitting.

I hope other knitters will be as pleased with the results as I was. The process seems slow at first, but I am sure that it is faster than knitting a band separately and sewing it on by hand and much neater. The fronts are automatically eased in evenly. I have not tried the technique for a shawl-style collar, one that gets wider around the neck, but it should be possible to use it for this style by increasing one stitch (then decreasing one stitch for the second half of the band) at the left side of the band before hanging the loop from the front edge.

Yours sincerely,
Elizabeth Hulse
Toronto, Canada.

Thank you Elizabeth, we are sure that there are many knitters who would rather knit than sew up and it is especially good to hear from you from so far away.

TWO'S COMPANY

I am a 31-year-old man who, after my wife bought a new machine, started knitting on her old basic, a Passap Combi and have been hooked by the knitting bug.

Being unemployed and between letters of application I began knitting socks, then jumpers for the family and have just completed the 'Green for Go' button up cardigan in the July issue, recommended for experts and was extremely pleased with the outcome.

My present situation prevents me from updating to a more modern machine so I am looking for anyone who has any spares or additions to this machine or tips. My wife and I would be pleased to hear from you.

As we haven't heard of a club in our area we were thinking of starting one up. If anyone would be interested please contact us.

PS: Note to husbands, if you can't beat them, join them!

Yours sincerely,
Dave and Chrissy Deal
Askeaton, Co Limerick, Eire.

Thank you Dave for your letter, it was a pleasure to read because it is so positive and we hope that you have lots of letters and some local knitters who can join you in your club. Do contact us if we can be of any further help.

SHAPE UP

If your mock ribs have gone out of shape after washing and wearing, get them back into shape and looking like new by inserting a knitting needle inside the hem, in and out about six inches at a time. Pull out to shape and steam. Only use a metal knitting needle and one that is strong enough not to bend.

Yours sincerely,
Joan Williamson
Shanklin, Isle Of Wight.

Thank you Joan, the short, snappy ones are usually the best and this one is no exception.

Orderly stripes

◀ 14

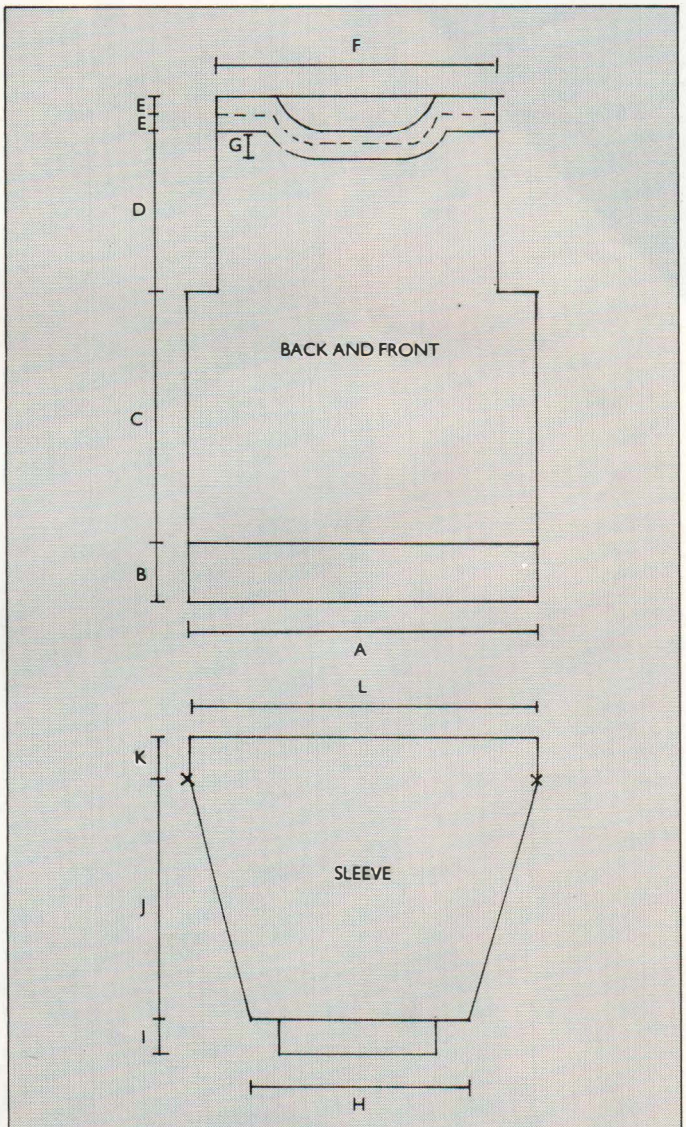
st st. Set RC at 000. Using MT, K 58 rows. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Fold neckbands in half and catch down on inside. Join shoulder seams. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams. Sew pockets into position.



A = 57.5 [62.5, 67.5] cm	G = 4 cm
B = 9 cm	H = 36 cm
C = 41 cm	I = 5 cm
D = 26 cm	J = 39 cm
E = 2.5 cm	K = 6.5 cm
F = 45 [50, 55] cm	L = 57 cm

3

Rib and roll

This winter's absolute essential for fashion dressing is a snug fitting skinny rib sweater. Get your chunky machine out and quickly knit this simple winter warmer in Spectrum Astral Aran from Jane Chadwick.

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for chunky machines with a ribber.

MATERIALS
Spectrum Astral Aran. (Yarn Guide No. 17.)
6 [6, 6, 7] x 100g balls in Natural (MY).

GARMENT WEIGHT
Finished garment in second size weighs 520g.

The fibre content of this yarn is 67% Cotton, 37% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
Length to shoulder 57.5 cm, 23 in.
Sleeve seam 46 [47, 48, 49] cm, 18 [18½, 19, 19½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
20 stitches and 26 rows to 10 cm, 4 in measured over 1x1 rib when slightly stretched (tension dial approximately 2/2).

For perfect results, please check your tension carefully.

BACK

With carriage at right and using MY, cast on 80 [86, 92, 98] sts at centre in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT/MT, K 104 rows.

Shape Armholes

Cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every alt row until 64 [70, 76, 82] sts rem, then on every foll 6th row until 60 [66, 72, 78] sts rem *. K 24 rows. RC shows 150. Place marker between sts 16 and 17 at left and right of centre 0. Cast off.

FRONT

Work as for back to *. K 8 rows.

Shape Neck

Using a length of MY, cast off centre 12 sts. Push 24 [27, 30, 33] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of next row. Cast off 2 sts at beg of next row. Dec 1 st at neck edge of next row. Cast off 3 sts at beg of next row. Dec 1 st at neck edge of next and every foll 4th row until 14 [17, 20, 23] sts rem. K 3 rows. Cast off. With carriage at left and using a transfer tool, push rem Ns from HP to WP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MY, cast on 40 sts at centre in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT/MT, K 7 rows. Shape sides by inc 1 st at each end of next and every foll 10th row until there are 64 sts. K 2 [4, 6, 10] rows. RC shows 120 [122, 124, 128]. Place marker at each end.

Shape Top

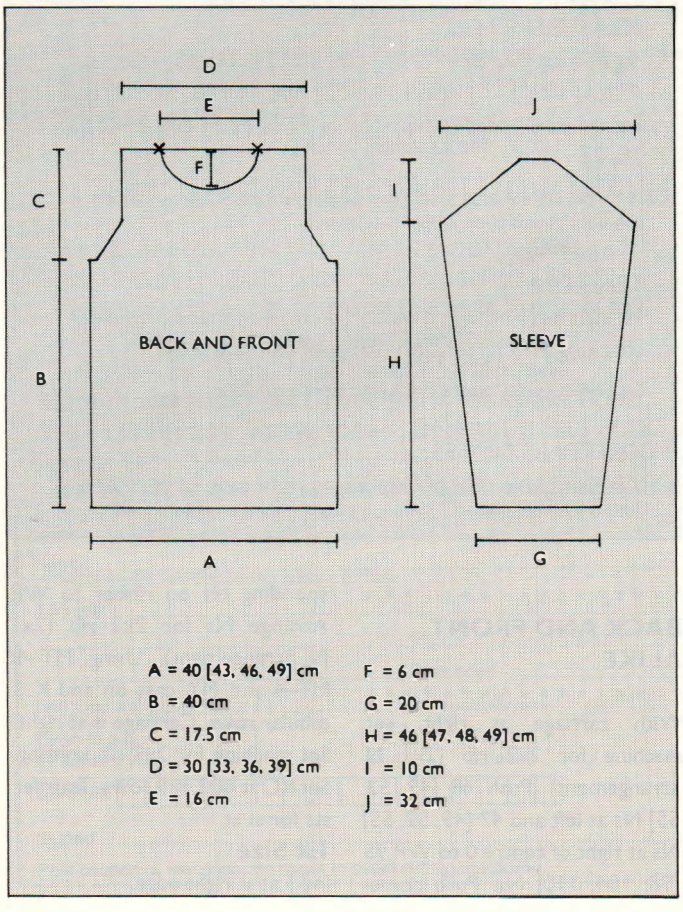
* Dec 1 st at each end of next 2 rows, K 1 row. Rep from * 4 times more. Dec 1 st at each end of every row until 28 sts rem. Cast off 4 sts at beg of next 4 rows. Cast off rem 12 sts.

POLO COLLAR

With carriage at right and using MY, cast on 84 sts at centre in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT/MT, K 36 rows. Cast off.

MAKING UP

Join shoulder seams. Set in sleeves. Join side, sleeve and collar seams. Sew on collar with seam at centre back.



A = 40 [43, 46, 49] cm
B = 40 cm
C = 17.5 cm
D = 30 [33, 36, 39] cm
E = 16 cm
F = 6 cm
G = 20 cm
H = 46 [47, 48, 49] cm
I = 10 cm
J = 32 cm

Green Cord Trousers, HENNES. Bag, DOLCIS. Jewellery, VAL D'OR.

Tabard tops

Top the skinny rib sweater with this comfortably loose fitting tabard and for the ultimate casual look simply add a pair of leggings. Jane adds a special detail to the pockets by fly stitching them in place.

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for chunky machines with a ribber.
If you don't have a ribber, work ribs in mock rib or knit ribs by hand.

MATERIALS
Spectrum Astral Aran. (Yarn Guide No. 17.)
6 [6, 7, 7] x 100g balls in Natural (MY).

GARMENT WEIGHT
Finished garment in second size weighs 535g.

The fibre content of this yarn is 67% Cotton, 37% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
Actual size 117 [122, 130, 135] cm, 46 [48, 51, 53] in.
Length to shoulder 66.5 [68.5, 70.5, 72.5] cm, 26½ [27, 28, 28½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
16 stitches and 24 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

BACK AND FRONT ALIKE

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 48 [49, 52, 55] Ns at left and 47 [49, 52, 55] Ns at right of centre 0 to WP. 95 [98, 104, 110] Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MT–4/MT–4 and MY, cast on and K 3 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. K 9 rows. Transfer sts for st st.

1st Size
Inc 1 st at right edge.

2nd and 3rd Sizes
Inc 1 st at each end.

All Sizes
96 [100, 106, 110] sts. Set RC at 000. Using MT, K 90 [95, 100, 105] rows. Place marker at each end. K 62 rows. RC shows 152 [157, 162, 167].

Shape Shoulders
Cast off 5 [5, 6, 6] sts at beg of next 4 [8, 2, 6] rows and 4 [4, 5, 5] sts at beg of foll 8 [4, 10, 6] rows. 44 sts. Transfer sts for 2x2 rib. Using MT–3/MT–3, K 10 rows. Transfer sts for st st. Using MT–2, K 8 rows. Cast off.

POCKETS (MAKE 2)

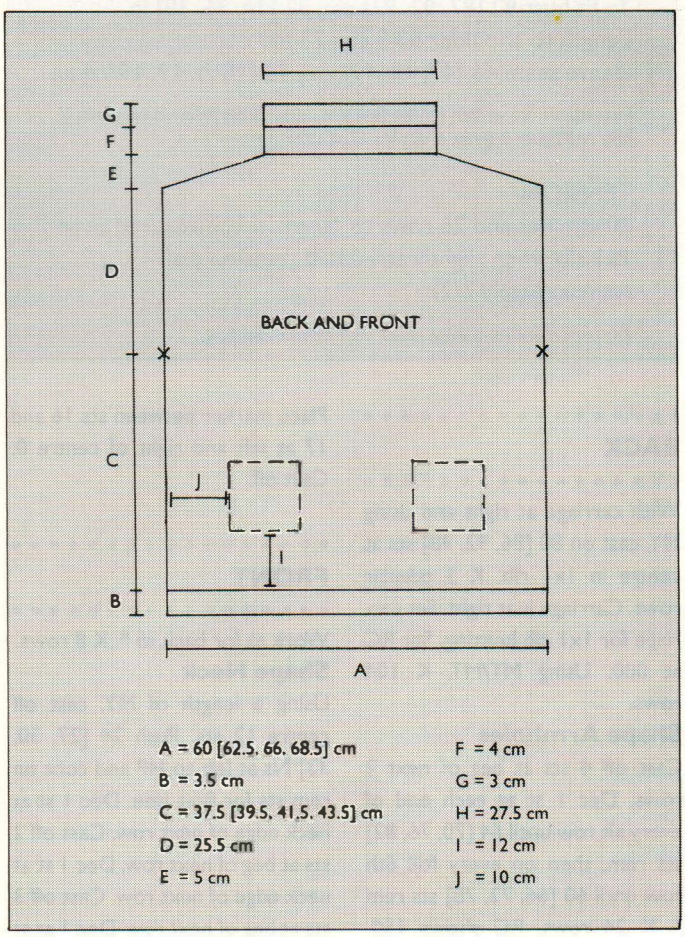
Using MY, cast on 22 sts by hand. Set RC at 000. Using MT–2, K 8 rows. Transfer sts for 2x2 rib. Using MT–3/MT–3, K 8 rows. Transfer sts for st st. Using MT, K 26 rows. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

MAKING UP

Pin pockets into position indicated on measurement diagram, allowing top edge to roll. Sew into position with running sts. Work fly sts on both sides of pocket over the running sts. Join shoulder and neckband seams. Join side seams up to markers.



Green Cord Trousers, HENNES. Bag, DOLCIS. Jewellery, VAL D'OR.

Helpline

Take this opportunity to write in with your machine knitting queries. Hazel Ratcliffe will pass on her expert advice for the benefit of other readers.

We are always especially pleased to hear from our overseas readers and here we have a letter from Mrs M. Powell of Hillarys, Western Australia.

I wrote to you last year and you kindly printed my letter in the July issue. Since then, together with two friends I have started a new knitting club for beginners and advanced knitters. We have 20 members including two men and meet every Wednesday, from 7.30pm to 9.30pm. We would like to be able to get in touch with a machine knitting club in England if that is possible. As I am the one who has been asked to make contact I give you permission to print my name and address in your magazine. Our club's name is Wanneroo Districts Machine Knitting and we would love to hear from any machine knitting club in England. I do hope that someone will contact our club through me. I am closing now to catch the post and will wait eagerly for a reply.

Thank you for writing to us and I hope very much that someone will contact you, it could lead to some very interesting times. I visited a knitting club in Woodstock, New York, two years ago and the visit resulted in them contacting a knitting club in England with a view to an exchange visit. The first visit took place just a few weeks ago when the club from England flew out to New York and shared a workshop with the Woodstock knitters. Now a return visit is planned for the Hudson Valley knitters to come to England and I for one will be very pleased to see them all again. So come along all you knitting clubs, this could be the start of something big! Write to Mrs Maureen Powell. 16 Flinders Avenue, Hillarys, Western Australia 6025.

Mrs Turrell from Hove, Sussex wrote to us:

I have just received the July '93 *Modern Machine Knitting* and am delighted with the magazine.

I am particularly interested in your response to the letter on page 50 and really would be pleased to receive an 'equipment summary' regarding electronic machines, as your magazine has kick-started my enthusiasm. However, I just do not know where to start. I am not over-ambitious but would like to cater adequately for myself, my husband, an eight year old son and a just coming up to teenage daughter. As time is always at such a premium I feel that the more automated the better. But I am anxious not to have so sophisticated a model that it will put me off altogether, though perhaps that is not possible. Any advice that you can offer would be greatly appreciated and, please, I am a total beginner.

We were especially pleased when we read your letter because it allows us to cover some very important issues and ones we are sure affect many knitters, especially the new knitters and those who are upgrading their machines from punchcard to electronic. The first thing to say and something that is probably very comforting to prospective knitting machine buyers is that there is no 'bad' machine on the market today. All the knitting machines, regardless of their make and model and country of origin are made to the highest standards and they all do just what the instruction books claim they will do. The same applies to the 'bona fide' accessories for the machines. I say 'bona fide' because, as with most hobbies there are always what I call fringe accessories, things made by enthusiasts who are not supported or officially recognised by the machine companies. This is not to say that some of the inventions are not really very good but you do need to beware that what you are using on your machine will not either damage your machine or render your guarantee invalid. Similarly, as machines advance, the accessories also change and what might be quite all right for one model may not be suitable for another. Always check when buying an attachment or accessory that it is the right model for your machine. Knitting machine dealers are extremely helpful in this area, it is really when you are buying second hand or from a private individual that you need to check before you part with your money.

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to 'Helpline', MMK, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We'll pay £5.00 for every letter we publish.

WHAT DO YOU NEED?

It would be true to say that, money and space permitting, you could safely buy everything that will go on or with your knitting machine and nothing would be a waste of money providing that you follow a few basic rules.

1. As just mentioned, make sure that it is the right make and model for your machine.

2. Take time to learn how to use it. It is well worth investing a few pounds on a one-to-one lesson to make sure that you know how to use your new piece of equipment. You will soon recoup your expense when you start using the equipment to its best advantage.

3. This should probably come at the top of the list . . . take it out of its box and use it. Reading about things, talking about them and watching them being used is all very well and we all enjoy doing those things but when it comes to getting value for your money, or to justifying some expense then there is no substitute for actually doing it . . . 'hands on' is the term.

To take this aspect a little further, using the various accessories is very much like using your knitting machine when you first buy it. All the little samples and squares you knit are usually trouble-free and look most attractive. But it is only when you start to try to translate them into a garment, with increases, decreases, round neck shapings and the like, that you really come up against it and find out what it is really all about. The same applies to using your new accessory, you will only learn how to really use it when you tackle something 'for real'.

4. This might sound a strange thing to say, but you need to buy your accessory in a relaxed frame of

mind and that means buying it before you really need it. For example, if you are knitting something special for someone and it requires the use of a lace carriage, it is asking a lot of yourself for you to go out and buy a lace carriage so that you can knit the garment in question. Much better to anticipate what you are likely to want to knit in the future and plan your purchases accordingly. This serves two purposes. It gives you time to learn how to use the equipment without any pressures on you and also (quite important) it gives you time to save up!

Mrs Turrell has done just what she should in trying to think beforehand what she is likely to need. The fear of buying something that would be too sophisticated can be forgotten. Even the latest and greatest electronic knitting machine is logical (most of the time) in its operation and is no more difficult than some of the earlier models. Indeed some long time knitters will tell you that the latest electronics are far more user-friendly than some of the very early knitting machines, especially the ribbers and double bed machines.

CAST IN ORDER OF APPEARANCE

For the machine itself, really price will be your main decider; buy the best you can afford, you will never regret it. If you can only afford the cheapest second-hand machine you can find, you will still have value for money provided you have checked that it is OK. Many a machine knitter by necessity has had to start with the most basic machine and work her or his way up the scale but the great advantage of this is that you have tremendous fun and satisfaction all along the way, while saving for a new machine is a great incentive to keep knitting.

Ribbing attachments have got to be top of the list of major accessories. They double the scope of your knitting and in the long run save you a lot of money because of the yarns you can use on them and the wonderful fabrics you can produce with them. After the ribber it really is a case of thinking what sort of knitting you will be doing most. If you will be concentrating on lace you will need a lace carriage, if you fancy weaving you might want to consider a weaving arm. Two colour work will have you wanting the colour changers and if you are worried about tension swatches then a charting device will solve that problem for you. Any accessory that speeds up your knitting, such as linkers and transfer carriages, are always a good investment as long as you bear in mind what we said earlier and you make full use of them.

WHERE TO START

Personally the first thing I would add to my knitting machine would be a ribbing attachment and after that it is a case of what you will get the most use from. It would be a mistake to overwhelm yourself and buy everything (it would also break your bank!). Buy one thing at a time, master it, use it and become at home with it and then treat yourself to the next thing. Look out for any opportunities of demonstrations, especially if there is the chance to have a go yourself. Talk to other knitters at a club or class and send for any leaflets that are advertised offering you information on the various products. Well, Mrs Turrell, this is a long reply but it really could not be condensed and it is so important. There are many machines and accessories hiding unhappily under beds and in lofts simply because they were abandoned instead of being persevered with. We hear endless talk about the recession and for many people money is very tight but the important thing about buying a knitting machine or any of the accessories is that it is an investment . . . or it can be if you want it to be . . . the salesman can convince you that it is but the rest is up to you.

Mrs Jones from RAF Hospital, Wegberg wrote to us:

I am writing to you hoping you will be able to advise me on a problem I have come up against.

I want to make a long-line jumper for my daughter but with an approximately six inch lace edging with scallops. When I tried this the lace curled up at the bottom. I read Kamalini's article in *Modern Machine Knitting*, March 1993, on how to knit scallops at the start of the work, thinking that doing it in the way she described would solve my problem. However, I have never come across a crochet cast on using the latch tool in front of the nylon cord stitches. Could you please explain this and advise me whether this method will solve the problem of the knitting curling up?

I have a Knitmaster 360 machine.

Lace edgings seem to be in the fashion at the moment as we have had several letters on similar lines to yours, both for lace edgings and for lace collars.

First the crochet cast on. This is one of those techniques that is much easier and quicker to show than it is to write down on paper. You need to imagine that there is already work on the machine and your knit carriage is at the right. (Left handed people might need to reverse this explanation.) The yarn from the carriage is at the left so you will need to finish the previous row of knitting with your carriage at the left, remove the yarn and take the carriage across the work without knitting. You can do this in one of two ways. Either you can set your carriage so that the needles do not knit, in your case it will be with side levers forwards and cam lever on S for slip. For other machines, readers should check with their instruction books. The alternative method would be to bring all the needles out into HP, set the carriage to hold and then take the carriage safely across without knitting. The second method is probably the most suitable because you are going to need all your needles out at the holding position anyway. So now you should be at the position where your carriage is at the right, the yarn is at the left and the needles are all out at the holding position.

THE CAST ON

Now you need your latch tool. Take the end of the yarn, bring your latch tool up between the first two needles at the left and grasp the yarn with the hook. Pull the yarn down and take the tool, with the yarn, down and up again between the next two needles. With your left hand, hold the yarn away from you towards the back of the machine. Now push the tool up, allowing the first strand of yarn that you collected to slip behind the latch. You need to grasp the yarn again inside the latch, then pull the tool down so that the latch closes and you have your first chain stitch. Keep holding the yarn away from you with your left hand and take the tool up and down between each pair of needles, grasping the thread each time and making another chain; continue in this way along the row. When you reach the end, hook the last chain on to the last needle nearest the carriage and rethread the yarn into the carriage feeder. Set the carriage to knit and knit across.

As with any new technique it will seem slow at first and you might feel all thumbs but it soon comes with practise. Try to keep an even tension by feeding the yarn through the finger and thumb of your left hand; this will keep the stitches you are making nice and even. This technique can be used for all kinds of decorative additions to your knitting. This one is for the purpose of preventing the edge from curling but you could work one or several rows in a fancy yarn at the edge of your knitting just for decoration. Similarly you could use the technique in the middle of a garment piece, it does not have to be on an edge. It need not be limited to one row, you can work as many rows as you wish. You can vary the length of the chain if it is for decoration only by only chaining, say, between every five needles; you can also add a bead on the chain if you wish.

BEADS

The mention of beads reminds me of another letter we received recently from a reader in Bath. Our friend had knitted a lacy collar and it was curling at the edges. By pure coincidence we had received the June/July cover garment for our sister magazine To & Fro and lo and behold the lacy collar, which is most attractive, had a scalloped edge. The edge certainly was not curling and the pattern instructions revealed that a tiny glass bead had been sewn on to each point of the scallop and then lightly caught down. This produced the ideal situation, something attractive, doing something useful . . . what more can we ask for?

Geometric gallery

'PICA PICA'

I find it fascinating watching the magpies (Pica Pica) that regularly visit our garden and the patterns their bold striking black and white wings form whilst in flight. This inspired me to create a design from the abstract images formed by their wings when several fly together.

DESIGN IDEAS

'Pica Pica' is an all-over geometric pattern and is suitable for 24-stitch punchcard and electronic machines. To complement the design I have included a border pattern which looks effective used either alone or as an all-over pattern.

'Pica Pica' has the quality of a sophisticated intricate design and is suitable for all members of the family. For a bold contrasting effect I have incorporated the colour of magpies by using black and white with a hint of blue and silver. To achieve the lustrous effect of plumage, I have used for my samples Brockwell Yarns four-ply Mercerised Cotton – which has a very pleasant sheen.

For a subdued subtle effect, use softer toned colour combinations, or two shades of the same colour, while to create a young, lively, energetic look for children, use bright primary colours.

SAMPLE 1

(24 stitch Punchcard and Electronic Machines)

'Pica Pica' all-over design in a repeat of 8 stitches and 8 rows (White background: shade 613 with Black contrast: shade 645).

SAMPLE 2

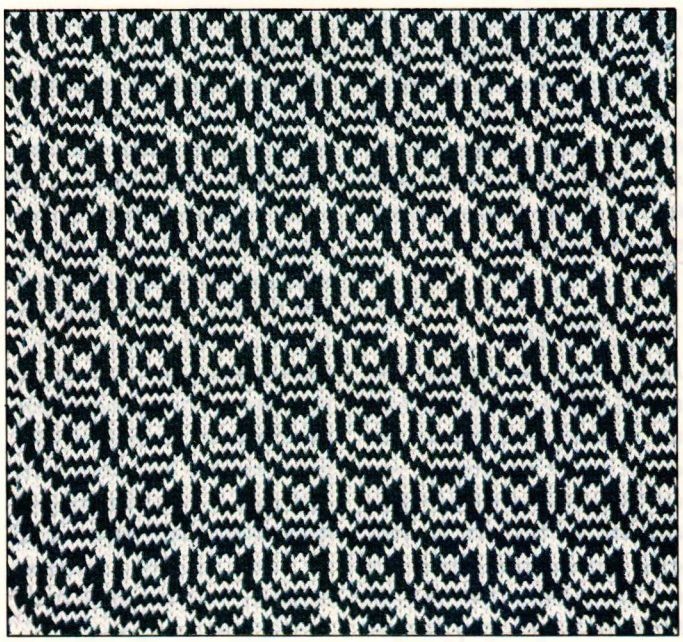
(24 stitch Punchcard and Electronic Machines)

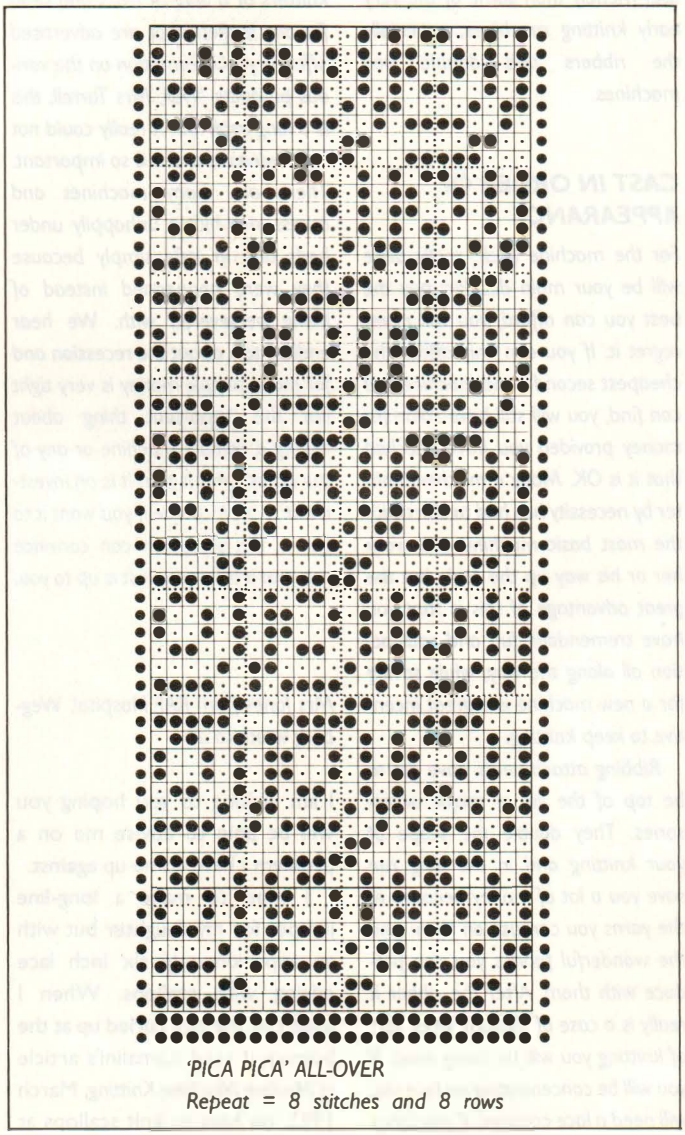
'Pica Pica' border design using the repeat of 8 stitches and 24 rows once (Black background: shade 645 with White contrast: shade 613).

SAMPLE 3

(Electronic Machines)

SAMPLE 1





'PICA PICA' ALL-OVER
Repeat = 8 stitches and 8 rows

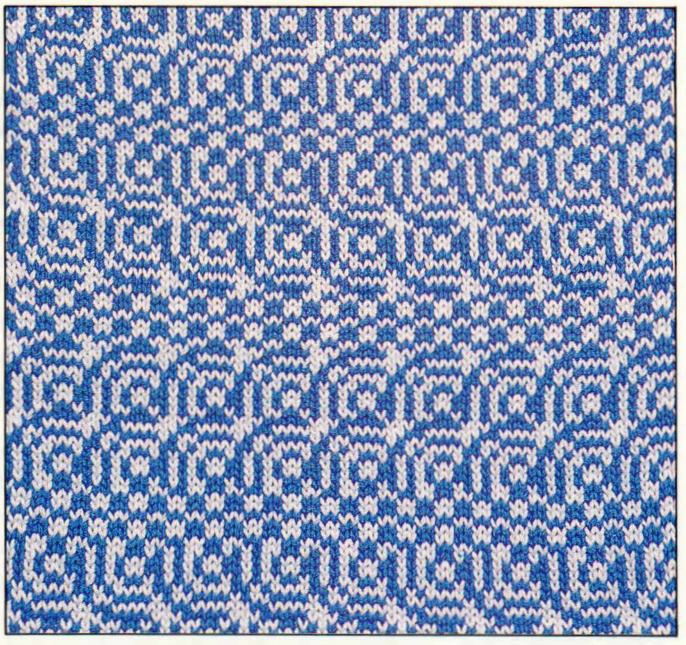
'Pica Pica' border design used as an all-over pattern using the REFLECTION pattern variation facility. The point of contact between patterning is overlapped for one row (White background: shade 613 with Royal contrast: shade 637).

SAMPLE 4

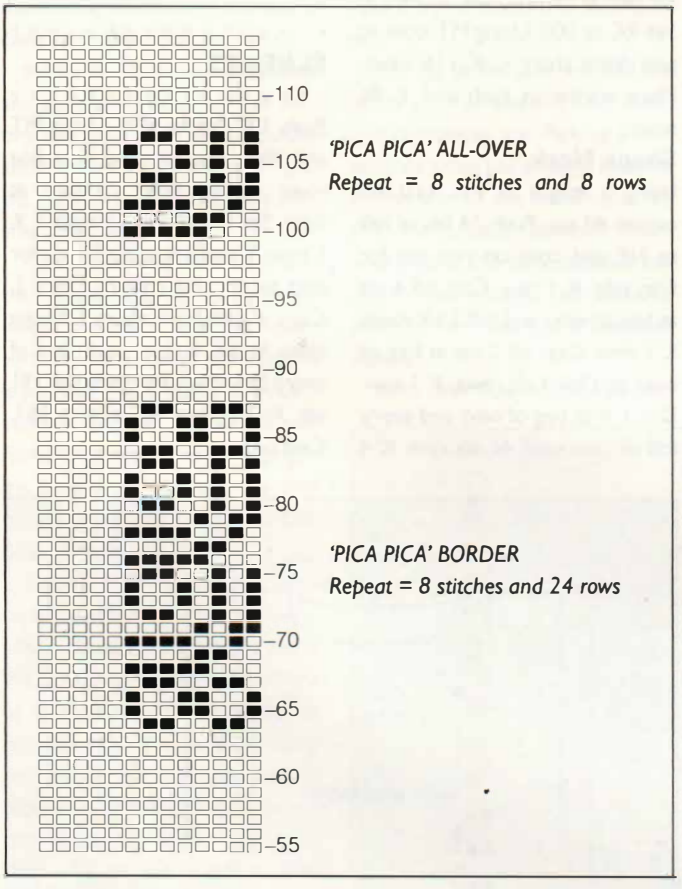
(24 stitch Punchcard and Electronic Machines)

'Pica Pica' all-over design using the DOUBLE LENGTH pattern variation facility. Punchcard machines with this facility can set every row to knit twice **or**, if this facility is not available, punch each row of the 8-row repeat twice on the card.

To create more interest I have alternated the contrast yarn/ colour after every repeat, using lurex and mercerised cotton. (Black background: shade 645 with 4-ply Silver Lurex Chainette, Royal contrast: shade 637.)

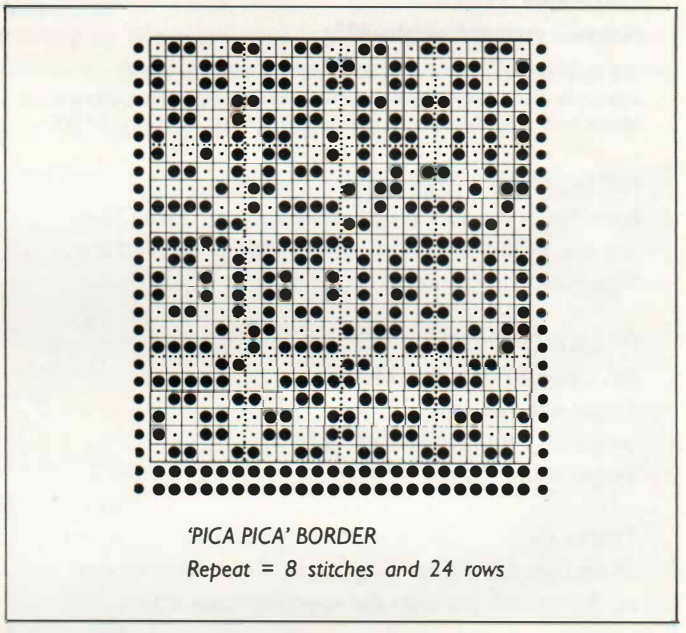


SAMPLE 3



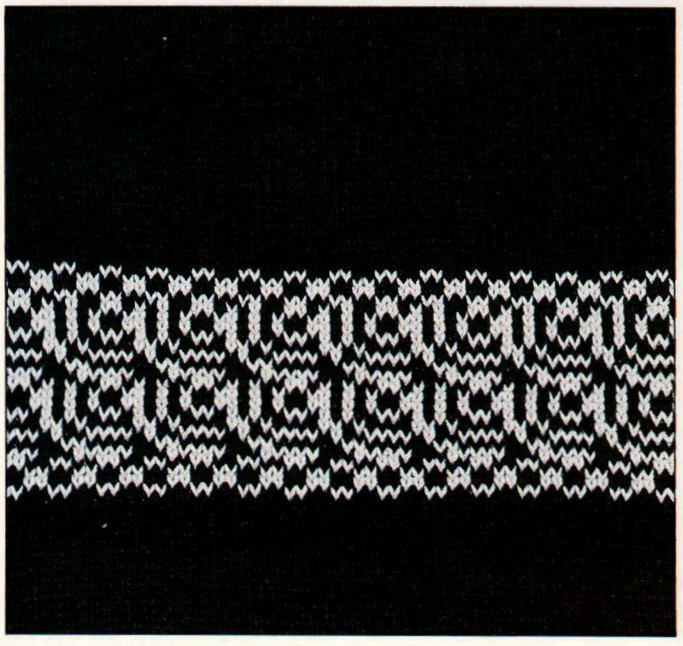
'PICA PICA' ALL-OVER
Repeat = 8 stitches and 8 rows

'PICA PICA' BORDER
Repeat = 8 stitches and 24 rows



'PICA PICA' BORDER
Repeat = 8 stitches and 24 rows

SAMPLE 2



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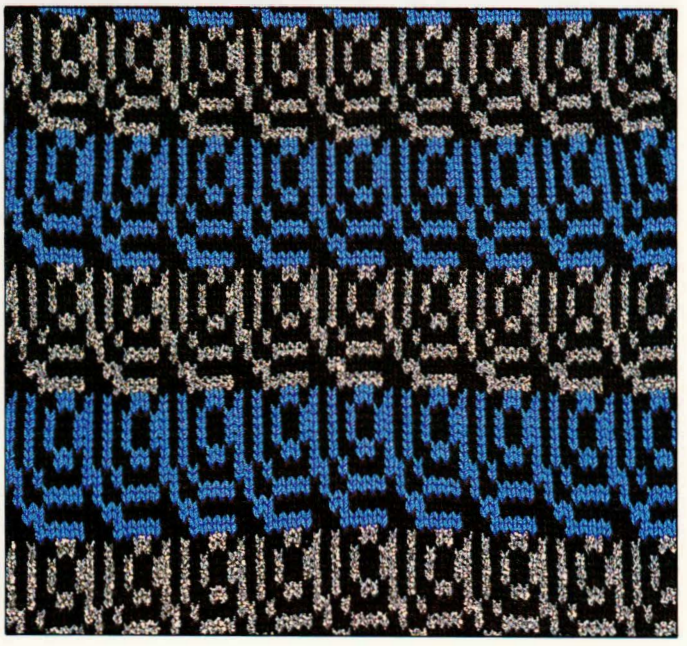


A gem of a jumper

Lace diamonds in Dark Amethyst Botany wool from Many A Mickle combine with traditional cables to create a really stunning sweater.

PATTERN RATING
*** For fairly experienced knitters.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS
Many A Mickle Botany 4-ply. (Yarn Guide No. 11.)
600g in Dark Amethyst (MY).

GARMENT WEIGHT
Finished garment weighs 485g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- Many A Mickle, Brier Hey, Mytholmroyd, Hebden Bridge, West Yorkshire HX7 5PF.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87-102 cm, 34-40 in.
Actual size 123 cm, 48½ in.
Length to shoulder 68.5 cm, 27 in.
Sleeve seam 47.5 cm, 19 in.

TENSION
28 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6•).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Count Ns in NWP as sts throughout.

BACK

With carriage at right and using MY, cast on 175 sts in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 36 rows. Transfer sts for st st **. Set RC at 000. Using MT, K 116 rows. Place marker at each end. K 120 rows.

Shape Neck

Using a length of MY, cast off centre 53 sts. Push 61 Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 6 sts at beg of next row, K 1 row. Cast off 4 sts at beg of next and foll 2 alt rows. Cast off rem 43 sts. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

FRONT

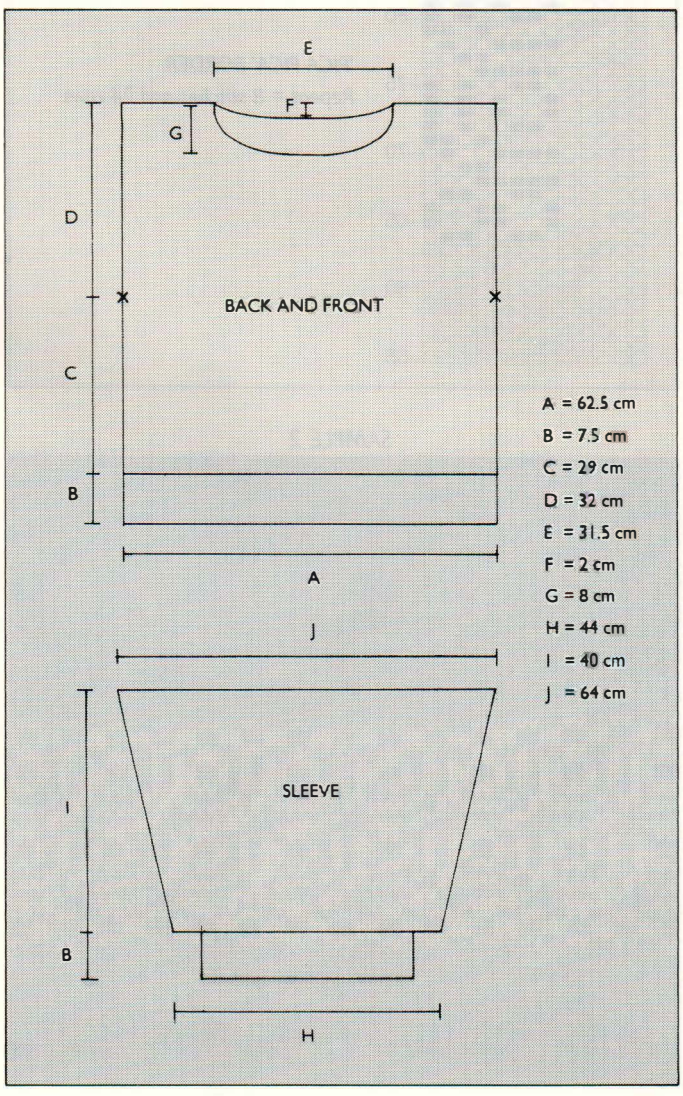
Work as for back to **. Using WY, K a few rows and release from machine. Push 188 Ns at centre to WP. With carriage at right, replace sts on to Ns inc evenly. Unravel WY. Transfer sts for patt as on first row of chart 1. Set RC at 000. Using MT, cont in patt from chart 1. K 116 rows. Place marker at each end. K 96 rows.

Shape Neck

Using a length of MY, cast off centre 40 sts. Push 74 Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 4 sts at beg of next and foll 2 alt rows, K 1 row. Cast off 2 sts at beg of next and foll 4 alt rows, K 1 row. Dec 1 st at beg of next and every foll alt row until 46 sts rem. K 4 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

Push 125 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, K 1 row. Transfer centre 35 sts for patt as on first row of chart 2. Cont in patt from chart 2. Shape sides by inc 1 st at each end of every 5th row until there are 181 sts. K 20 rows. RC shows 161. Cast off.



Striped Leggings. DEBENHAMS.

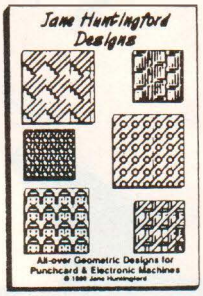
28 ▶

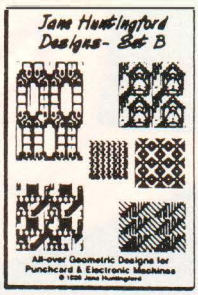
5

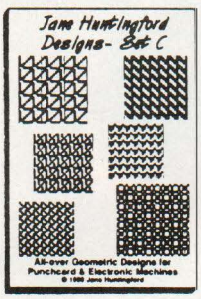
◀ 26

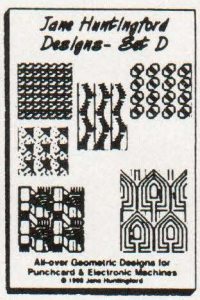
Jane Huntingford Designs

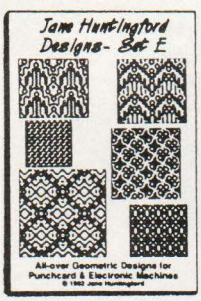
Geometric designs for 24 stitch punchcard and electronic machines

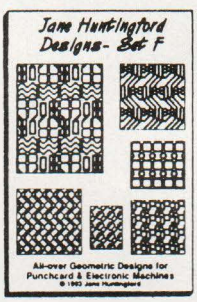












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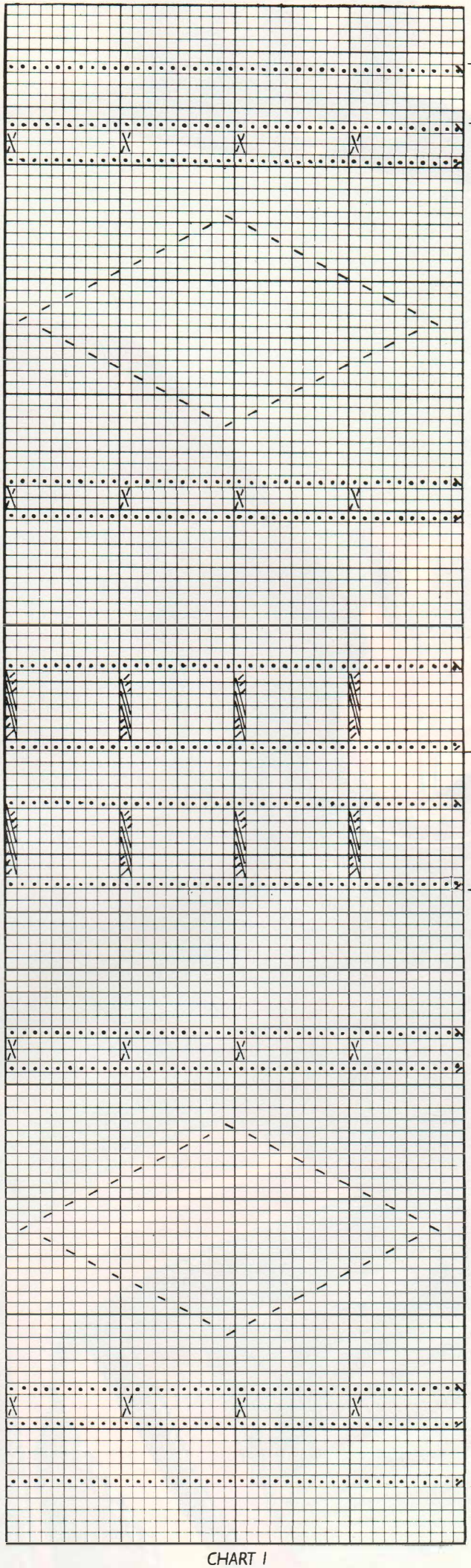


CHART 1

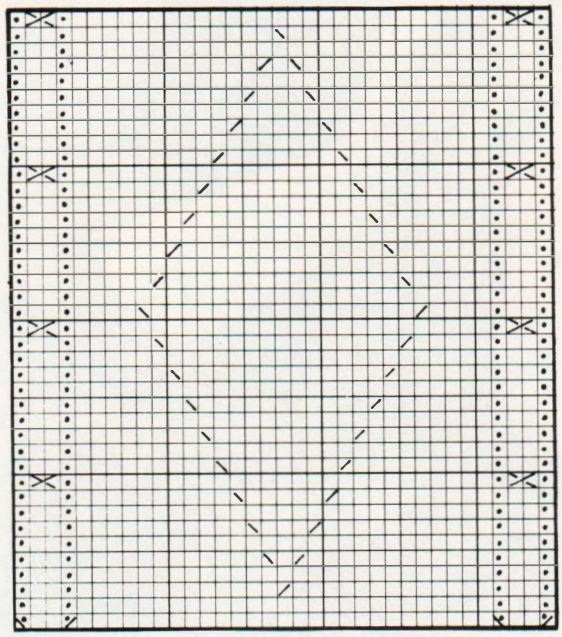


CHART 2

KEY FOR CHARTS

= Transfer st to adjacent N and push empty N to NWP.

= Transfer st to adjacent N at left, leave empty N in WP.

= N in WP.

= Cross 1 st at left in front of 1 st at right.

= N in NWP.

= Cross 3 sts at left in front of 3 sts at right (push Ns to UWP).

= Transfer st to adjacent N at right, leave empty N in WP.

Mulled wine

Roast chestnuts in front of the fire wearing this luxurious cardigan from Fran Francis. The lovely variegated shades of mulled wine are instantly produced in Bramwell Chunky Mohair.

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for chunky machines.

MATERIALS
Bramwell Chunky Mohair. (Yarn Guide No. 18.)
1 [1, 2] x 450g cones in Shade 701 (MY).
Pair 4½ mm knitting needles.
7 buttons.

GARMENT WEIGHT
Finished garment in first size weighs 395g.

The fibre content of this yarn is 78% Mohair, 13% Wool, 9% Nylon. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 117 [128, 138] cm, 46 [50½, 54½] in.
Length to shoulder 60 [62.5, 64.5] cm, 23½ [24½, 25½] in.
Sleeve seam 43.5 [44.5, 45.5] cm, 17 [17½, 18] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
15 stitches and 22½ rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 4).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

CUFFS

With carriage at right and using MY, cast on 84 sts in 1x1 rib. Work as for back from * to **. With P side of sleeve facing, replace sts on to Ns, gathering evenly. Using MT, K 1 row. Cast off.

BACK NECKBAND

With carriage at right and using MY, cast on 93 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 9 rows. Using MT–2/MT–2, K 9 rows. Using MT–1/MT–1, K 9 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine *.

FRONT NECKBAND

With carriage at right an using MY, cast on 115 sts in 1x1 rib. Work as for back neckband from * to *.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Pin neckbands into position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Join shoulder and neckband seams. Set in sleeves between markers. Join side and sleeve seams.

BACK

Using 4½ mm needles and MY, cast on 80 [88, 96] sts and work 22 rows in K 2, P 2 rib. Push 90 [98, 106] Ns at centre to WP. With carriage at right, transfer sts to machine Ns, inc 10 sts evenly. Set RC at 000. Using MT, K 114 [120, 124] rows.

Shape Shoulders

Cast off 16 [18, 20] sts at beg of next 4 rows. Using WY, K a few rows over rem 26 sts and release from machine.

31 ▶

6

Mulled wine

◀ 29

RIGHT FRONT

Using 4½ mm needles and MY, cast on 40 [44, 48] sts and work 22 rows in K 2, P 2 rib. Push 45 [49, 53] Ns to WP. With carriage at right, transfer sts to machine Ns, inc 5 sts evenly. Set RC at 000. Using MT, K 100 [106, 110] rows.

Shape Neck

Push 7 Ns at left to HP. K 1 row. Dec 1 st at neck edge of every row until 32 [36, 40] sts rem. K 9 rows.

Shape Shoulder

Cast off 16 [18, 20] sts at beg of next row, K 1 row. Cast off rem 16 [18, 20] sts. Push 7 Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

LEFT FRONT

Work as for right front, reversing shapings by reading left for right and right for left.

SLEEVES

Push 80 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, K 80 [83, 85] rows. Cast off.

CUFFS

With P side facing and using 4½ mm needles, pick up 80 sts along lower edge of sleeve. With K side facing and using MY, K 2 sts tog along the row. 40 sts. Work 8 cm, 3 in K 2, P 2 rib. Cast off in rib.

NECKBAND

Join shoulder seams. With K side facing and using 4½ mm needles, join in MY and pick up and K 70 sts around neck edge.

1st Rib Row: K 2, * P 2, K 2; rep from * to end.

2nd Rib Row: P 2, * K 2, P 2; rep from * to end.

Work 13 more rows in rib. Cast off in rib. Fold in half and catch down on inside.

BUTTON BAND

With K side facing and using 4½ mm needles, join in MY and pick up and K 86 [90, 94] sts along left front edge.

1st Rib Row: P 2, * K 2, P 2; rep from * to end.

2nd rib Row: K 2, * P 2, K 2; rep from * to end.

Work 15 more rows in rib. Cast off in rib.

BUTTONHOLE BAND

With K side facing and using 4½ mm needles, join in MY and pick up and K 86 [90, 94] sts along right front edge. Work 3 rows in rib as for button band.

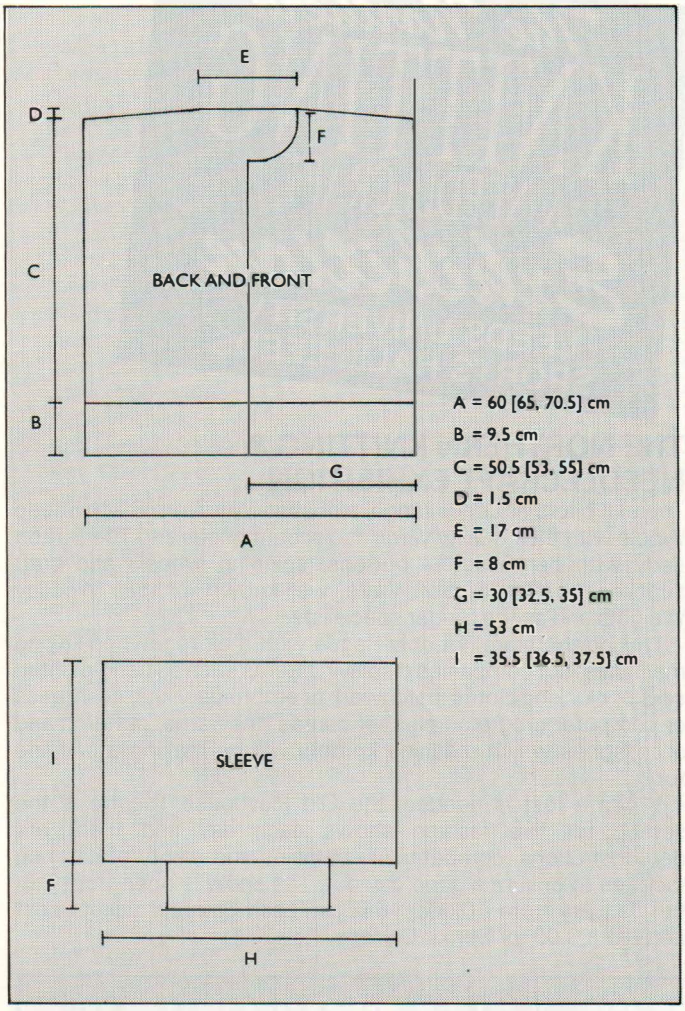
1st Buttonhole Row: Rib 3 [5, 4] sts, * cast off 3 sts, rib until there are 10 [10, 11] sts on right-hand needle; rep from * 5 times more, cast off 3 sts, rib to end.

2nd Buttonhole Row: Work in rib, casting on 3 sts over those cast off in previous row.

Work 6 rows in rib. Rep both buttonhole rows. Work 4 rows in rib. Cast off in rib.

MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Fold front bands in half and catch down on inside. Finish buttonholes and sew on buttons to correspond.



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The Northern KNITTING & NEEDLECRAFT Exhibition

LEEDS UNIVERSITY SPORTS HALL, LEEDS

Spring SPECTA

Get the year off to a great start with a visit to one of the Nationwide Knitting and Needlecraft shows in the January diary. First it's the turn of the north with The Northern Knitting & Needlecraft Exhibition in the Sports Hall of Leeds University. The show is at Leeds from Friday, 7th January to Sunday, 9th January, but if you can't get to this one, there's only a fortnight to wait for The Knitting, Needlecraft & Design Exhibition at Sandown Park, Esher, Surrey, which is on for four days from Thursday, 20th January to Sunday, 23rd January.

THE NORTHERN KNITTING & NEEDLECRAFT EXHIBITION

The exhibitors at Leeds range, alphabetically, from Black Sheep Wools with their quality yarns at discount prices and The Button Lady with her beautiful buttons, spinning wheels and craft supplies, to Woolley Soft Ware, well-known for their Woolley Weights and as the Singer specialists.

Linking them are not only Hague with their renowned linking machines, but companies displaying items such as hand-painted silks or blocking cloths, patchwork or embroidery kits, cosmetics or computer programs plus, of course, the yarns, patterns and accessories which machine knitters will be making a bee-line for.

When a rest is needed, the Old Playhouse Theatre is the setting for five fashion shows each day and there are demonstrations, competitions, bargains and plenty of catering facilities to ensure a good day out. The show is open from 7th-9th January from 10.00am-6.00pm each day and tickets cost £4.00 or £3.00 for Senior Citizens.

EXHIBITORS & STAND NUMBERS

Black Sheep Wools	B27
Button Lady	C4
Central Promotions	C19a
The Fabric Colour Workshop	C12
Fashion Theatre Co	C10
Fashion Magic	B20
Gemma Stone	C26
Hague Linking Machines Ltd	C6
Home Workshop	B7, B8
IL Soft	C2
Jacqueware & Co	D4, A1a
La Riviere	C18
Le Glow Cosmetics	C8
Limited Editions	D6, D7, D9
Machine Knitting Monthly	
Machine Knitting News	C26
Mohair Producers	C5
New Home Sewing Machines	C22
Overseas Exports	D11
Patchwork Cottage	C7
PDB Engineering Ltd	C16
Piece & Patch	B22
P & M Promotions	C19
Regency Arans	C17
Riverside Spinning Co	C14
Sewers & Knitters	A11-A14
Singer UK Ltd	D8
Skye Knitwear	D10
Supermend	C1
Texere Yarns	C20
Trevor Hurd	C13
Tudor Jane Promotions	B6
Turner Promotions	C3
Websters Punch	A6, A20, C15
William E. Selkin Ltd	B8a, D12, B13
Woolley Soft Ware	B19

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Tel: 081-452 9227

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Stand 83a

We specialise in the best quality **Yorkshire spun mohairs** and fancy knitting yarns using only the finest materials. Made for both hand and machine knitters, they are sheer luxury at a price you can afford. We have an excellent mail order service and we can supply amounts as small as 25gm if needed to complete garments.

BEE BEE WOOLS, Fieldside, Filey Road, Flixton, Scarborough YO11 3UD. Tel: 0723 891881

Busy Bee BASICS

Stand 30a

Machine knitters' favourite pattern books have come to Esher at last! We have 30 pattern books featuring the latest fashions and designs – including Garter Carriage Classics Vols 1 & 2 – and **NEW AT ESHER** we will also be releasing our latest exclusive collection. See all the garments displayed on our stand!

BUSY BEE BASICS, Brooklyn, Ruthin Road, Bwlchgwyn, Wrexham, Clwyd LL11 5UT

CULAR

THE BUTTON LADY

Leeds – Stand C4

As well as specialising in buttons made from natural materials including shell, horn, bone china, wood and glass,The Button Lady has all supplies for hand knitters – yarn bobbins, pompon makers, circular needles and much, much more including knitters' tea towels. Craft books are stocked including the very popular **Jean Greenhowe** toy patterns. She also has spinning wheels and supplies and will spin dog, cat and sheep fibres to order.

THE BUTTON LADY, 16 Hollyfield Road South, Sutton Coldfield, West Midlands B76 8NX Tel: 021-329 3234

CARL BOYD DESIGNS

Stand 69

This is the first showing at this venue of Carl's fourth collection. There are eight designs in single leaflet form, retailing at 95p each, or the collection of eight for £6.00. This year, three of the designs will be available in kit form. Also at the show will be his, now famous, **Cut & Sew Template,** still retailing at just £4.95.

CARL BOYD DESIGNS, 1 Coulsons Place, Penzance, Cornwall TR18 4DY. Tel: 0736 62538

Elaine Cater & Caroline Nelson

Stand 68a

Caroline and Elaine look forward to meeting you at Stand 68a. We have two new books: **Simply Slip Stitch** and **Simply Garter Stitch** (handbooks for these techniques). Come and see our complete range of books and patterns, as well as our latest collection of garment designs.

ELAINE CATER and **CAROLINE NELSON,** Knitwear Designers, 29 St Leonards Road, London SW14 7LY.

PAT COOK DESIGNS
Hedgerows, North St.
Barmby on the Marsh, Nr. Goole,
Nth. Humberside DN14 7HL

Stand 123

A must for Passap/Pfaff knitters – more beautiful designs for Duo 80 and E6000 from Pat Cook on Stand 123.

We are also announcing our very own yarn – **'Harmony'** which is available in kits or on cones from **Direct Knitting** on neighbouring Stand 122.

Call in for a chat – you will be most welcome.

PAT COOK DESIGNS, Hedgerows, North Street, Barmby on the Marsh, Nr Goole, North Humberside DN14 7HL.

THE 9th Knitting NEEDLECRAFT & DESIGN EXHIBITION
SANDOWN PARK EXHIBITION CENTRE

THE KNITTING, NEEDLECRAFT & DESIGN EXHIBITION

This eagerly awaited annual event takes place for the ninth year at Sandown Park, Esher, from 20th-23rd January. The popularity of this show ensures a wide range of exhibitors eager to demonstrate their latest products and established favourites and visitors will find many bargains and special 'Show' prices available. Now is the time to compare products and buy that item you have been planning for, but don't be surprised to find yourself tempted and carrying home an awful lot more!

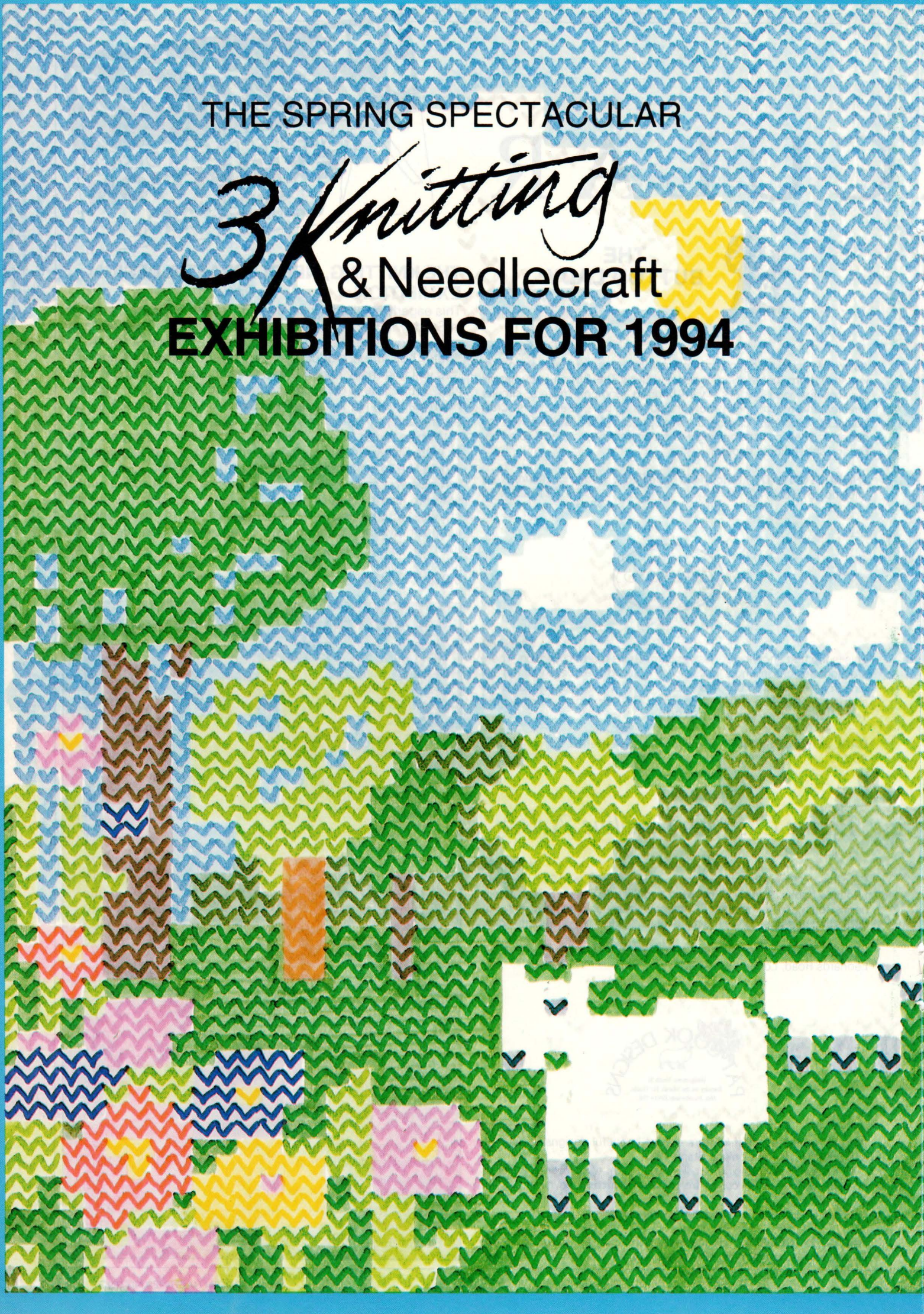
With so much to see, check the timetable of the day's events in your Show Guide to plan the workshops and lectures you would like to attend and don't forget the Fashion Shows which will give you an excellent preview of what is new and on which stand to find it. As at all the Nationwide exhibitions, the fashion shows, lectures and demonstrations are all free, as is entry to various draws and competitions. Tickets for the event cost £4.00 for Thursday or Friday and £5.00 for Saturday or Sunday (£1.00 less for pensioners). The exhibition is open from 10.00am-6.00pm each day and on-site parking is also free.

EXHIBITORS & STAND NUMBERS

AK Yarns	94
Anna Lamour	55b
Anne Durkan	36
Anne Kent	72
Appliglue	223
Artika Designs	45
Ashill Dyed Yarns	121
B & B Discounts	15
Barbara Faulkner Knitwear	92
Barr, Barr & Foo	126
Beady I	224
Bee Bee Wools	83a
Black Sheep Wools Ltd	102
British Mohair Spinners	74
BSK	110
Busy Bee Basics	30a
Button Lady	40
Carl Boyd	69
Central Promotions	216
Chelsea Herbalist	214c
Choices	85
Christelle Creations	1a
Cochenille Computer Products	109
Colinette Yarns	56
Compucraft	42
Coot Crafts	225a
Craft Lines	100
Cranbrook Mill	16
DesignaKnit	32
Designer Two of Romford	213
DKSS Limited	122
Easy Draper Limited	223
Embroidered Collection	121a
Everything Angora	55a
Fashion Magic	202
Fashion Theatre Co	228b
Finishing Touch	82b
Flokati Rug Co Ltd	20

THE SPRING SPECTACULAR

3K Knitting & Needlecraft EXHIBITIONS FOR 1994



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Mexican magic

El Greco is the name of this wonderful shade of Mosaics from King Cole. Let your little wonder make magic in this easy 2x2 rib with hand stitched smocking in Raspberry anti-tickle wool.

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

MATERIALS
King Cole Mosaics. (Yarn Guide No. 11.)
2 x 250g cones in El Greco (MC).
King Cole anti-Tickle 4-ply (Yarn Guide No. 11)
1 x 50g ball in Raspberry (C).

GARMENT WEIGHT
Finished garment in second size weighs 415g.

The fibre content of these yarns is 100% Wool. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 61-66 [71, 76] cm, 24-26 [28, 30] in.
Actual size 73 [82, 86] cm, 29 [32½, 34] in.
Length to shoulder 44 [50, 52] cm, 17½ [19½, 20½] in.
Sleeve seam 31.5 [37.5, 41.5] cm, 12½ [15, 16½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches (on main bed) and 50 rows to 10 cm, 4 in measured over rib pattern (tension dial approximately 6/6).

For perfect results, please check your tension carefully.

KNITTING NOTES
When shaping, count Ns on main bed only, sts on ribber should be decreased or increased to keep pattern correct.

BACK

With carriage at right, push 112 [126, 132] Ns on each bed at centre to WP for double rib/full needle rib. * Using MC, cast on and K 3 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Transfer sts as on diagram. Set ribber to tuck in one direction only *. Set RC at 000. Using MT/MT, K 220 [250, 260] rows. Transfer sts to main bed. Cast off.

FRONT

With carriage at right, push 126 [144, 150] Ns on each bed at centre to WP for double rib/full needle rib. Work as for back from * to *. Set RC at 000. Using MT/MT, K 190 [220, 230] rows.

Shape Neck

Using a length of MC, cast off centre 20 sts. Push 53 [62, 65] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll alt row. Dec 1 st at neck edge of every row until 40 [49, 49] sts rem, then on every foll alt row until 36 [45, 46] sts rem. K 11 [11, 10] rows. Transfer sts to main bed. Cast off. With carriage at left and using a transfer tool, push rem Ns from HP to WP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right, push 54 [66, 66] Ns on each bed at centre to WP. Arrange Ns for 2x2 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–3/MT–3, K 6 rows. Transfer sts to main bed. Set half pitch lever to H. Arrange Ns as on diagram. Pick up loops and place on to empty Ns. Set ribber to tuck in one direction only. Set RC at 000. Using MT/MT, K 14 [17, 17] rows. Shape sides by inc 1 st at each end of next and every foll 5th [6th, 6th] row until there are 104 [118, 124] sts. K 15 [12, 14] rows. RC shows 150 [180, 200]. Transfer sts to main bed. Cast off.

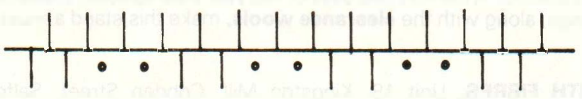
NECKBAND

With carriage at right, push 126 Ns on each bed to WP. Arrange Ns for 2x2 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–3/MT–3, K 24 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

MAKING UP

Using C, smock front as shown in photograph. Join shoulder seams. Set in sleeves, matching centre to shoulder seams. Join side, sleeve and neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Fold in half and catch down on inside.

NEEDLE DIAGRAM



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D3

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Mexican magic

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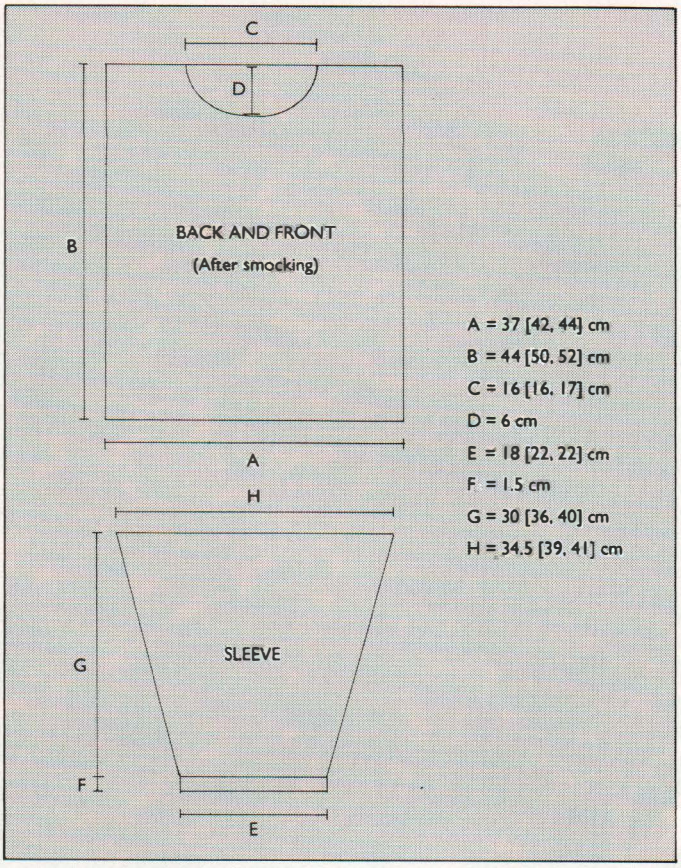

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D4

Finishing touch

KNITTING A SIMPLE RAGLAN SWEATER

During the past few months we have covered all the basic techniques required to knit a garment. This time we are going to combine many of the skills we have learned so far, to knit a sweater.

I have designed a sweater that is fairly easy to knit, so that everyone can have a go. Forsell's Super Software is an ideal yarn for early garments because it is easy to knit with, comes in lots of lovely colours and at the same time is warm and hard wearing, consisting of 60% wool and 40% nylon. If you decide to use a different yarn, please make sure that your tension matches mine or the garment will be the wrong size!

The main body pieces are just plain stocking stitch, with fully fashioned increasing using a single-pronged transfer tool to increase the sleeve seams and fully fashioned decreasing for the raglan seams.

The raglan shaping is enhanced by decreasing two stitches every four to six rows instead of decreasing one stitch every two rows. Work the fully fashioned decreases five stitches from the edge with the adjustable multi-pronged tool, set with five prongs out, if you have one. If you do not, just use the three-pronged transfer tool. The difference will only be that the cable effect will be closer to the seam.

The neckline is shaped by using holding position. The neckband is in 1x1 rib (which could have mock rib substituted if you wish) with a small section of Fair Isle to finish it off neatly. The welt and cuffs are knitted in Fair Isle on the front and stocking stitch on the reverse, using a tension which is considerably tighter than the main fabric.

The Fair Isle design is one of the border patterns from my daughter's Endangered Species disk and is designed for electronic machines. Punchcard knitters should use the 24-stitch pattern, or use any Fair Isle design of your choice. Any small difference in tension will not be enough to adversely affect the bands.

Follow the diagram pattern to select the correct number of stitches and rows for your chosen size. However, first read through the following detailed instructions and then follow these instructions in conjunction with the diagram.

You will need several nylon cords because each main piece is started with waste knitting and cord and the stitches are then reduced for the bands. A length of shiny crepe yarn such as Bramwell Artistic will work perfectly well enough if you have insufficient nylon cords.

GENERAL INFORMATION

The sweater was knitted on a Silver Reed 580 standard gauge machine with a ribber.

Stocking stitch tension, after washing and a very light steaming, is 42 rows and 31 stitches in ten centimetres with the tension dial set to 7. Use this number as a starting point for your swatch, but try a number higher and a number lower as well. Then select the tension dial number that gives you the correct number of rows and stitches.

BACK

With waste yarn, cast on and, at main tension, knit at least six rows. Break off the waste yarn, thread up with nylon cord and knit one row.

Set the row counter to 000, thread up with main yarn and knit straight to the first underarm decreasing.

Cast off the first group of stitches, using the single transfer tool and taking each stitch behind the sinker post to make sure that the edge does not tighten up.

Knit one row and repeat on the second side. Release the stitches from behind the sinker posts, first bringing the end needle to holding position and then lift up the knitting off the sinkers. This will ensure that you have no dropped stitches. Knit a second row and release the stitches from the opposite sinker posts.

Because the raglan seam is on a diagonal the edge can become rather tight compared to the adjacent straight sections of knitting. This is further aggravated by the effects of crossing stitches for the decreases. It is therefore a good idea to hang a claw weight into each edge, to exert a slight pressure on the edge stitches. Follow the decreasing instructions for your size.

When all shaping is completed, take the final back neck stitches on to waste knitting – at least six rows.

FRONT

The knitting of the front is identical to the back until the neckline is reached. At this point you must continue with the decreases at the raglan edge and shape the neckline using holding position, shaping as described in the October issue. All the neckline stitches should be held on waste knitting ready for instant retrieval!

SLEEVES

The major difference between the sleeves and the back and front is that we start with fewer stitches and increase to the underarm seam and then work the raglan as usual.

Use the single-pronged transfer tool to increase, by moving the end stitch on to the next needle out (bringing that needle into work first!). To fill in the empty needle, pick up the heel of the second stitch from the end, which is now next to the empty needle and place it on to the empty needle. If you cannot remember which is the heel of the stitch, look at the diagram in the August issue.

Please remember to bring the needles out to holding position **before** knitting the row when increasing or decreasing stitches. This helps the stitches to knit off cleanly. However, do not leave them in hold if you are also using holding shaping, such as at the neckline; push them back to upper working position.

Take the remaining stitches at the top of the sleeve on to waste knitting as you did for the back and front. They all form part of the neckline in raglan sleeved garments.

WELTS

Reduce one stitch out of every nine stitches used for the main body. Push 132 [150, 166] needles to working position.

Now, with the wrong side of

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the back or front facing you and with the bottom, cast-on edge, at the top, allow the waste knitting to curl back towards the machine, exposing the first row of stitches in main yarn. Pick up the cast-on edge of the back, placing two stitches on to every eighth needle. Pull the needles right out to holding position as you work.

With contrast colour yarn, knit one row at main tension. Turn the tension dial down two whole numbers and knit one more row, memorising the point cams (or pattern) as you do so.

Knit the 28 rows of pattern and then cancel the Fair Isle setting and knit one row of stocking stitch in contrast yarn only. Turn the tension back up to main tension and knit one row.

Change to main yarn and turn the tension dial down by three whole numbers. Knit 35 rows, very slowly because the tension is so tight that if you knit quickly stitches will be skipped. If you find this tension is really impossible to knit at, you can use two numbers less than main and knit only 31 rows.

Pick up the work and look carefully at the cast-on edge, which should still have the nylon cord peeping between the stitches (I have not yet told you to remove it!). It should be fairly easy to locate the stitches you picked up initially. Once located, pick them up again and place them on to the needles once more.

All that remains is to cast off loosely so that the welts will retain the small amount of stretchiness they have. Now the waste knitting can be removed by pulling gently but firmly on one end of the nylon cord.

CUFFS

The cuffs are knitted in almost the same way as the welts. Pick up the sleeve edge stitches, again putting two stitches on to every eighth needle. Knit one row at main tension and then one row at two numbers tighter in the contrast yarn. Follow with two rows in main yarn and then 16 rows of the Fair Isle pattern. Knit a further two rows stocking stitch in main yarn, one row in contrast yarn and then another row in contrast yarn at the main tension. Finish with 28 rows in main yarn at the tightest tension you used before, then pick up and cast off as before.

SEAMING AND ADDING THE NECKBAND

Carefully mattress stitch the two front and one back raglan seams. Take care to match the decreases!

Pick up all the stitches held on waste yarn across the back neck and one sleeve top. Pick up a few stitches along the straight section at the side of the front neck, all the front neck stitches from waste yarn, the same number on the second straight side and the stitches from the top of the final sleeve.

Knit one row across all the stitches in main yarn. Transfer to 1x1 rib and knit four rows at main tension minus three whole numbers (MT–3), six rows at MT–4, 20 rows at MT–5, six rows at MT–4 and four rows at MT–3. Finish with one row at main tension.

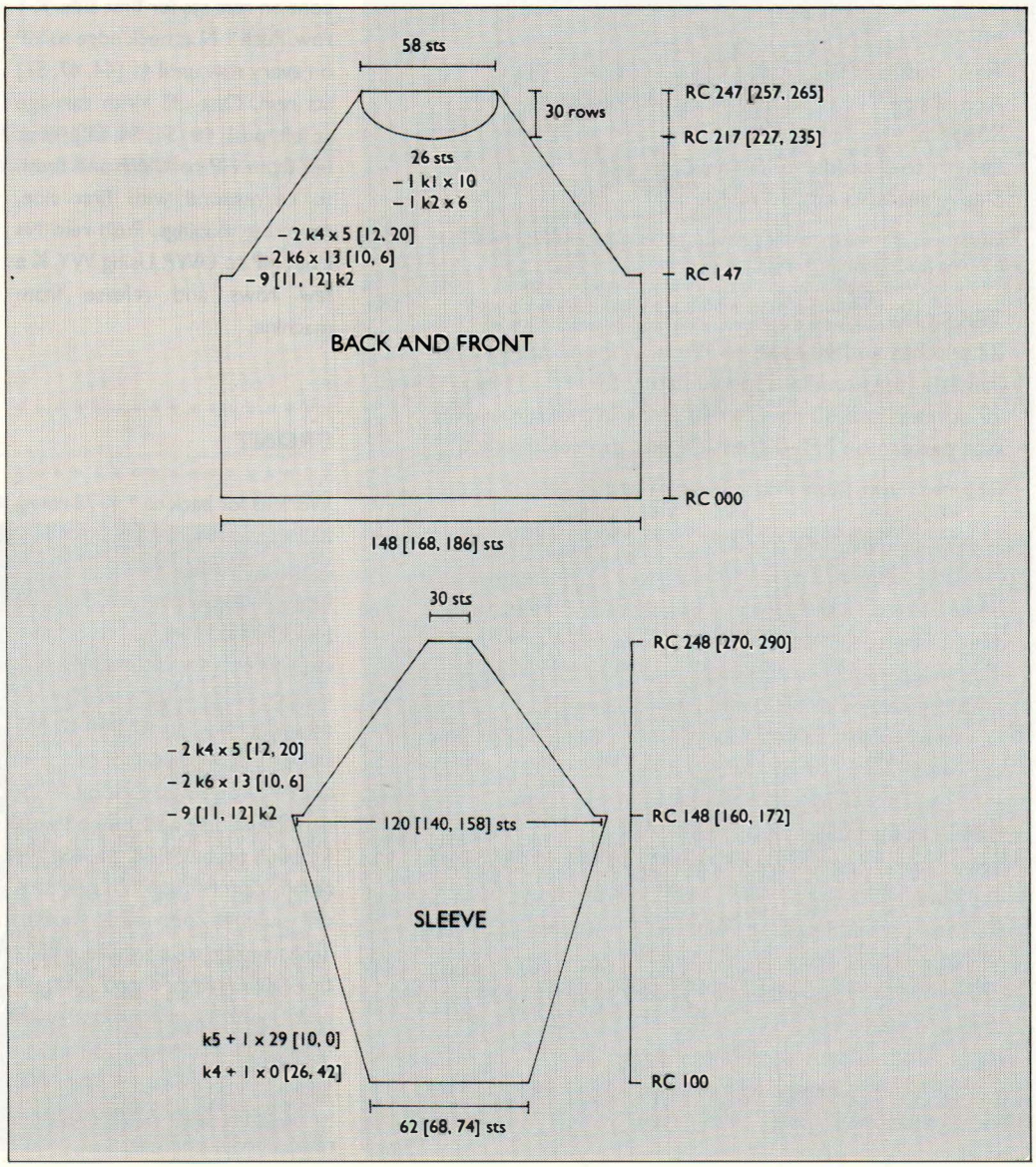
Transfer all the stitches back to the main bed, or pick up heels of stitches to fill in empty needles if you have knitted mock rib.

Pick up along the neckline stitches again, to seal the neckband. This is just the same as you did for the welts and cuffs but is in rib. Alternate stitches can be picked up, it is not necessary to pick up every stitch and actually is neater on alternate stitches.

Knit one row with contrast yarn at MT–1, programming the pattern as you do so. Knit six rows in Fair Isle at main tension, followed by two more rows at one number higher. Knit one row stocking stitch in the contrast yarn and then remove all the stitches on at least six rows of waste knitting.

Sew up the final raglan seam and the neckband seam. Backstitch the Fair Isle neckline overlap neatly on the right side of the work. Finally, sew up the sleeve and side seams, wash the sweater and dry flat, patting it into shape. Lightly steam and it is complete.

Now you can try these simple band conversions on some of your own favourite patterns. They can be used with all-over Fair Isle designs. For tuck stitch it is generally not necessary to reduce the stitches for bands. Alternatively, if you find this sweater shape to your liking, try knitting it with different bands; add stripes, knit each piece in a different colour. Experiment to your heart's content, but remember, if you change the basic stitch from stocking stitch to any other stitch pattern you will have to recalculate the rows, stitches and shaping!



Trousers, NEXT. Earrings, DEBENHAMS.

Flower show

Casual elegance in the creamy tones of warm white with dusky pink Fair Isle roses and simple lace. Another Fran Francis winner in Bramwell Fine 4 Ply.

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for Silver Reed standard gauge punchcard or electronic machines with a lace carriage and a ribber.

MATERIALS
Bramwell Fine 4 Ply. (Yarn Guide No. 11.)
1 x 500g cone in Warm White (MC).
1 x 500g cone in Green (A).
1 x 500g cone in Dusty Pink (B).

GARMENT WEIGHT
Finished garment in second size weighs 365g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

MEASUREMENTS
To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
Actual size 114 [118, 123, 128] cm, 45 [46½, 48½, 50½] in.
Length to shoulder 63.5 cm, 25 in.
Sleeve seam 43 cm, 17 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
27 stitches and 40 rows to 10 cm, 4 in measured over Fair Isle (tension dial approximately 8).
27 stitches and 40 rows to 10 cm, 4 in measured over lace pattern on MT–2 (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Fair Isle and Lace Pattern
Insert card 1 and lock on first row. Using MT and MC, K 4 rows.
Release card and cont in Fair Isle. K 13 rows MC/A and 15 rows MC/B.
Remove card. Insert card 2 and lock on first row. Change to lace carriage. Using MT–2 and MC, K 4 rows. Release card and cont in plain lace. K 10 rows. Remove card. Change to main carriage. These 46 rows form pattern.

BACK

With carriage at right and using MC, cast on 156 [162, 168, 176] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 42 rows. Transfer sts for st st. Set RC at 000. Cont in Fair Isle and lace patt. K 114 rows.

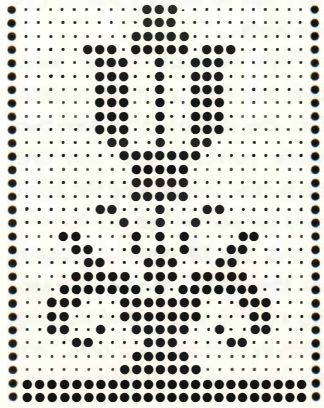
Shape Armholes
Cast off 8 sts at beg of next 2 rows. 140 [146, 152, 160] sts *. K 100 rows. RC shows 216.

Shape Neck
Cont in st st and MC. Push 92 [95, 98, 102] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on every row until 41 [44, 47, 51] sts rem. Cast off. With carriage at left, push 48 [51, 54, 58] Ns at left from HP to UWP and finish to correspond with first side, reversing shapings. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.

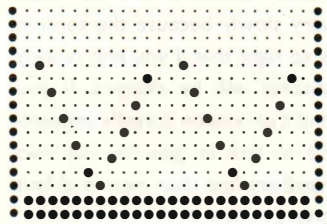
FRONT

Work as for back to *. K 78 rows. RC shows 194.

Shape Neck
Note patt row on card. Push 85 [88, 91, 95] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on every row until 41 [44, 47, 51] sts rem. K 7 rows. Cont in st st and MC. K 8 rows. Cast off. With carriage at right and using a transfer tool, push 55 [58, 61, 65] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in patt. Finish to correspond with first side, reversing shapings. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.



PUNCHCARD 1



PUNCHCARD 2

SLEEVES

With carriage at right and using MC, cast on 70 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 32 rows. Transfer sts for st st. Set RC at 000. Cont in Fair Isle and lace patt. Shape sides by inc 1 st at each end of next and every foll 3rd row until there are 76 sts, then on every foll 4th row until there are 146 sts. K 1 row. RC shows 148. Place marker at each end. Cont to inc on every 4th row from previous inc until there are 150 sts. Cont in st st and MC, K 5 rows. RC shows 160. Cast off.

NECKBAND

Join right shoulder seam. Push 150 Ns to WP. With K side

Trousers, HENNES.

46 ▶

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1113

Flower show

◀ 44

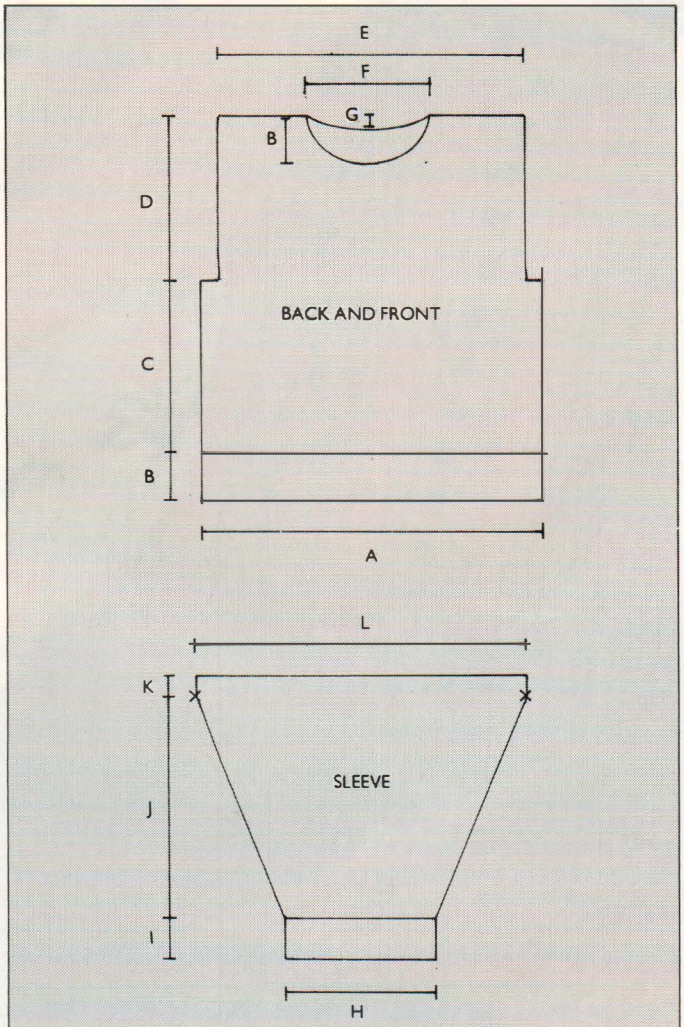
facing, pick up 150 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT, K 1 row. Transfer sts for 1x1 rib. Using MT–6/MT–6, K 28 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



A = 57.5 [60, 62, 65] cm	G = 2 cm
B = 7.5 cm	H = 25.5 cm
C = 28.5 cm	I = 6 cm
D = 27.5 cm	J = 37 cm
E = 51.5 [54, 56, 59] cm	K = 3 cm
F = 21.5 cm	L = 55.5 cm

Competition

JANUARY COMPETITION

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from **Direct Knitting & Sewing** to spend on **Gemini** and **Pearl,** two lovely machine knitting yarns in the new Harmony range by **Pat Cook Designs.**

Both yarns are 2/30 weight and are machine washable. **Gemini** is half wool, half acrylic and, so far, there are 13 beautiful colours – earthy shades as tempting as names such as grape or mistletoe, damson, butterscotch or fern. A 500g cone costs £6.99; 100g costs £1.50.

Pearl is 100% acrylic but it looks like industrial cotton. We haven't tried it yet but we're told it is fantastic knitted up and, unlike cotton, this yarn holds its rib. A 500g cone of Pearl is £5.25 and 100g costs £1.15. If you can't wait to see if you've won, send 30p in postage stamps for each shade card in these two ranges to Direct Knitting & Sewing Supplies Ltd., 769/771 Attercliffe Road, Sheffield S9 3RE.

HOW TO ENTER

Find the word that goes after the first word and before the second word in each case. We've done the first one for you, eg: 'KITCHEN CABINET' and 'CABINET PUDDING'. When you have found all the answers, you will see that the circled letters reading down the page will spell a familiar sound in knitting circles!

Put the word you have found on a postcard or the back of an envelope, add your name and address and send it to *Modern Machine Knitting,* 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW to arrive before the 31st January 1994.

KITCHEN	1	C	A	B	I	N	E	T	PUDDING
COW	2								STITCH
FOLLOW	3								CASE
CROSS	4								WORK
SHOCKING	5								ELEPHANT
PULL	6								WEIGHT
NERVOUS	7								SQUARE
JUST	8								FREE
PUNCH	9								SHARPER
SALISBURY	10								SPEAKING
BARNET	11								ISLE
WAIST	12								HANGER
MACHINE	13								BROW

RULES

1. You should print your answer clearly on a postcard or on the back of an envelope together with your name and address and send it to:- January Competition, *Modern Machine Knitting,* 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.

2. The competition is open to residents in the UK only, except employees of *Modern Knitting Ltd.,* the magazine's typesetter, printer, distributor, employees of this month's sponsor and their relatives.

3. Your entry must reach us by 31st January 1994 and we accept no responsibility for entries lost or delayed in the post.

4. No cash alternative will be offered.

5. The winners will be the first entries drawn from our postbag after the closing date.

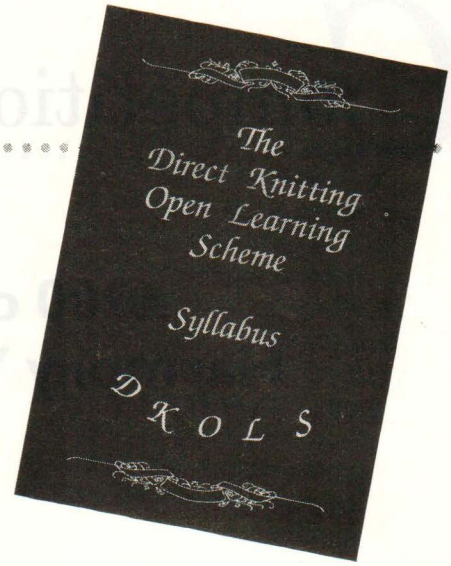
6. The winners will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting.*

7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

The way to learn

DIRECT KNITTING OPEN LEARNING SCHEME

With the purchase of a knitting machine comes the necessity to learn how to operate it with confidence.



Many readers tell us how helpful the features in our magazine are, especially when it comes to learning new techniques, or how to master a new accessory and, of course, we love to hear this. One of the aims of our magazine is to further the knowledge of knitters everywhere.

Anyone coming newly to machine knitting will probably need extra support, with feedback, from someone experienced in the craft, just to confirm whether they have 'got it right'.

Whilst private or classroom tuition is an excellent way to learn, there are often many reasons why some new knitters cannot attend regular classes where there is weekly contact with an experienced tutor. Mostly these are to do with time allocation – we may have three hours a week free to learn this fascinating new skill, but these hours might not correspond with the times allocated by the local college, or we may not have the necessary transport.

Whatever the reason, do not despair, you do not have to struggle on your own. Help is as close as the letter box!

We have recently evaluated the Direct Knitting Open Learning Scheme and have found it to cover in detail all the basic skills of machine knitting. The main advantage of this course over learning on your own from a good textbook is the continuous appraisal, with feedback, enforced discipline and a diploma for framing and displaying in your workroom.

Many knitters are inclined to miss out bits that might seem uninteresting and trivial when learning new things! With the Direct course you must correctly complete each lesson and submit it for marking, before the next lesson is posted to you. This will help to keep you on the straight and narrow road to success!

Course One covers **Basic Single Bed Techniques** from an explanation of the needle positions and abbreviations, casting on, making welts, yarns and fibres to understanding and adjusting patterns and garment finishing.

The lessons in this course are designed to be beneficial to knitters with even the oldest of single bed machines as no patterning is involved at this stage.

Throughout this course you will knit lots of samples, a baby bonnet and jacket and a glove puppet. One recently successful candidate is Mrs Quinney whose glove puppet we have photographed for you.

Course Two is for **Japanese punchcard machines** and each lesson covers one of the five basic stitch types; Fair Isle, tuck stitch, slip stitch, weaving and lace.

The designing and planning of your own punchcards is included therefore this course forms a good basis from which to advance to the City & Guilds Part One, or equivalent, course. During this course you will knit lots more samples, a woven pleated skirt and a lace sweater.

Course Three, the **Ribber course,** is divided into three parts and a thorough understanding of your single bed machine is essential before embarking on this new knitting dimension.

Part A will guide you through the ins and outs of all the basic rib stitches so necessary to a good ribbed welt, cuff or band, including those ever problematic buttonhole bands!

Fisherman's rib, an often overlooked technique which produces lovely sweaters and hats, is also included and you will knit a child's hat in this stitch. The other garment in this part is a child's cardigan.

Part B is where you learn all the fascinating things you never dreamed were possible with the ribber, having originally purchased it just for knitting 'proper' ribbed welts!

Wide ribs and pleats, tuck rib, racking (swung rib), punch tuck ribs, cables, braids, shadow lace and cut-and-sew necklines all form part of these lessons.

The final part of the ribber course, **Part C,** is for owners of double bed colour changers. Learn to use the double bed colour changer with the ribber for knitting not only the obvious double jacquard, but also for multi-coloured tuck and slip rib

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and even for single bed multi-coloured tuck and slip stitch fabrics.

Having studied and knitted all the samples in the three parts of this course you should have a very good working knowledge of your machine, ribber and colour changer and be ready to tackle any of the more advanced patterns.

Course Four, Parts A and B cover the same as courses one, two and three, but this time for the Passap and Pfaff Duomatic machines. There are obviously some differences due to the machine operations being somewhat different, but the outcome is the same as for the Japanese course, which is a thorough understanding of your knitting machine.

Course Five is the latest addition and **Parts A and B** are for the Passap and Pfaff E6000 knitting machines, part A covering all the basic operations and part B covering the programming of the console, but excluding the form part of the console.

BENEFITS OF OPEN LEARNING

The courses are almost totally flexible. You work at your own pace, fitting in the knitting and learning with your other commitments. The only limitation is that you must complete each part course within two years of the commencement date.

Each lesson is a complete individual unit, provided in an A4, bound booklet and accompanying questionnaire that must be returned with your completed samples. The completed questionnaire, together with your knitted samples, enable the tutor to assess your understanding of each lesson.

As each lesson is completed you will have the satisfaction of knowing that your knowledge is increasing, with the reassurance of the tutor's comments.

Throughout the course an experienced tutor will be available to answer your questions by post.

Upon successful completion of each course, students are awarded a diploma outlining the course content and standard achieved. Any student who consistently produces work of a very high standard will be awarded a distinction and a series of good results will earn a credit.

We frequently receive queries from new knitters who think that they might attempt the City & Guilds courses as a means of learning to use their machines. In our experience, the majority of these courses are for those knitters who already have a considerable knowledge of their machines and several years knitting experience.

The Direct Knitting Open Learning Courses require correctly knitted, finished and neatly presented samples. So too do the more advanced courses. Therefore, completing these courses could be a very useful way of obtaining the necessary expertise to progress to the more advanced courses.

The course fees are from £45 up to £75 and you can obtain a full syllabus from Direct Knitting and Sewing Supplies Ltd, Jacquard House, 769/771 Attercliffe Road, Sheffield S9 3RE. Telephone 0742 449888.

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Post coupon or use separate paper to avoid cutting magazine D3

Out of the woods

Barbara Tobias creates a super chunky look on her standard gauge machine with this thickly textured slip stitch. Echoes of a woodland scene are clearly visible in this lovely shade of King Cole's Mosaics.

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS
King Cole Anti-tickle Mosaics. (Yarn Guide No. 11.)
3 x 250g cones in Constable (MY).

GARMENT WEIGHT
Finished garment in second size weighs 635g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust or chest 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 106 [117, 128] cm, 42 [46, 50½] in.
Length to shoulder 64.5 [66.5, 68.5] cm, 25½ [26½, 27] in.
Sleeve seam 48.5 [49.5, 50.5] cm, 19 [19½, 20] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 72 rows to 10 cm, 4 in measured over slip/skip stitch pattern (tension dial approximately 7). Allow tension swatch to shrink naturally for 12-24 hours, then steam. **Do not** press or pat.

For perfect results, please check your tension carefully.

KNITTING NOTES
We used purl side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

BACK

With carriage at right and using MY, cast on 162 [178, 194] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 34 rows. Transfer sts for st st. Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in slip/skip st patt *, K 229 [237, 245] rows. RC shows 230 [238, 246]. Place marker at each end **. K 179 [187, 195] rows. Cont in st st. K 1 row. RC shows 410 [426, 442]. Push 51 [59, 65] Ns at left and right to HP. Using WY, K a few rows over rem 60 [60, 64] sts and release from machine. Push 51 [59, 65] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 51 [59, 65] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

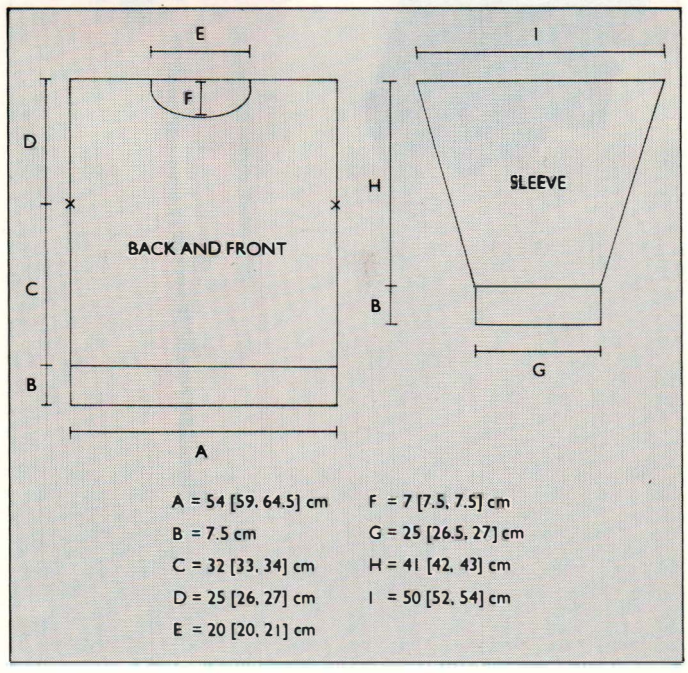
Work as for back to **. K 130 [134, 142] rows. 50 [54, 54] rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 95 [103, 111] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every alt row until 51 [59, 65] sts rem. K 17 [21, 17] rows. Cont in st st. K 1 row. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over 28 Ns at right, bringing Ns back to WP. Using MT and MY, K 1 row. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in slip/skip st patt. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MY, cast on 76 [80, 82] sts at centre in 1x1 rib. Work as for back from * to *. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 94 [100, 104] sts, then on every foll 8th row until there are 150 [156, 162] sts. K 21 [21, 15]



A = 54 [59, 64.5] cm
B = 7.5 cm
C = 32 [33, 34] cm
D = 25 [26, 27] cm
E = 20 [20, 21] cm
F = 7 [7.5, 7.5] cm
G = 25 [26.5, 27] cm
H = 41 [42, 43] cm
I = 50 [52, 54] cm

Skirt, FRENCH CONNECTION. Earrings, VAL D'OR.

52 ▶

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D4

Out of the woods

◀ 50

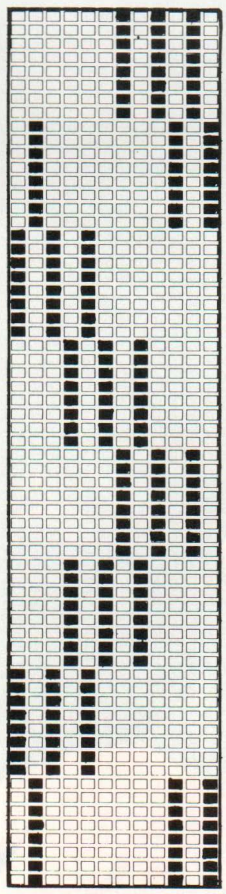
rows. Cont in st st. K 1 row. RC shows 296 [302, 310]. Cast off.

TO JOIN RIGHT SHOULDER

Push 51 [59, 65] Ns to WP. With P side of right back shoulder facing, replace sts on to Ns. With K side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MY, K 1 row. Cast off.

NECKBAND

Push 150 [154, 158] Ns to WP. With P side facing, pick up 150 [154, 158] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT–4/MT–4, K 28 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.



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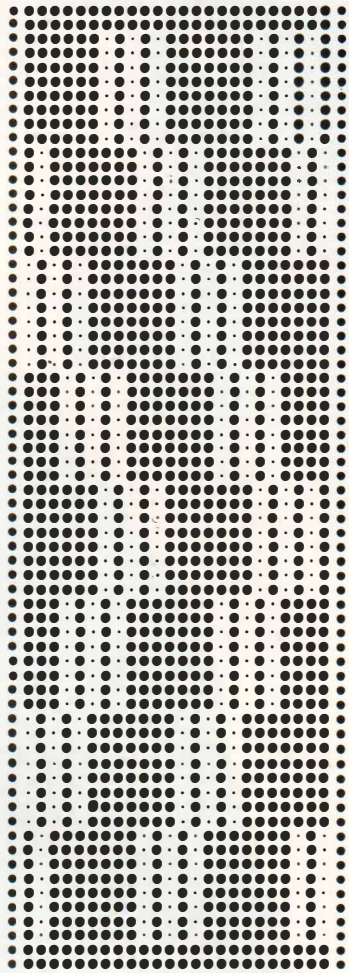


PUNCHCARD CHART

TO JOIN LEFT SHOULDER

Work as for right shoulder reading left for right.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Steam very lightly. Do not press or pat. Allow to dry in shape.

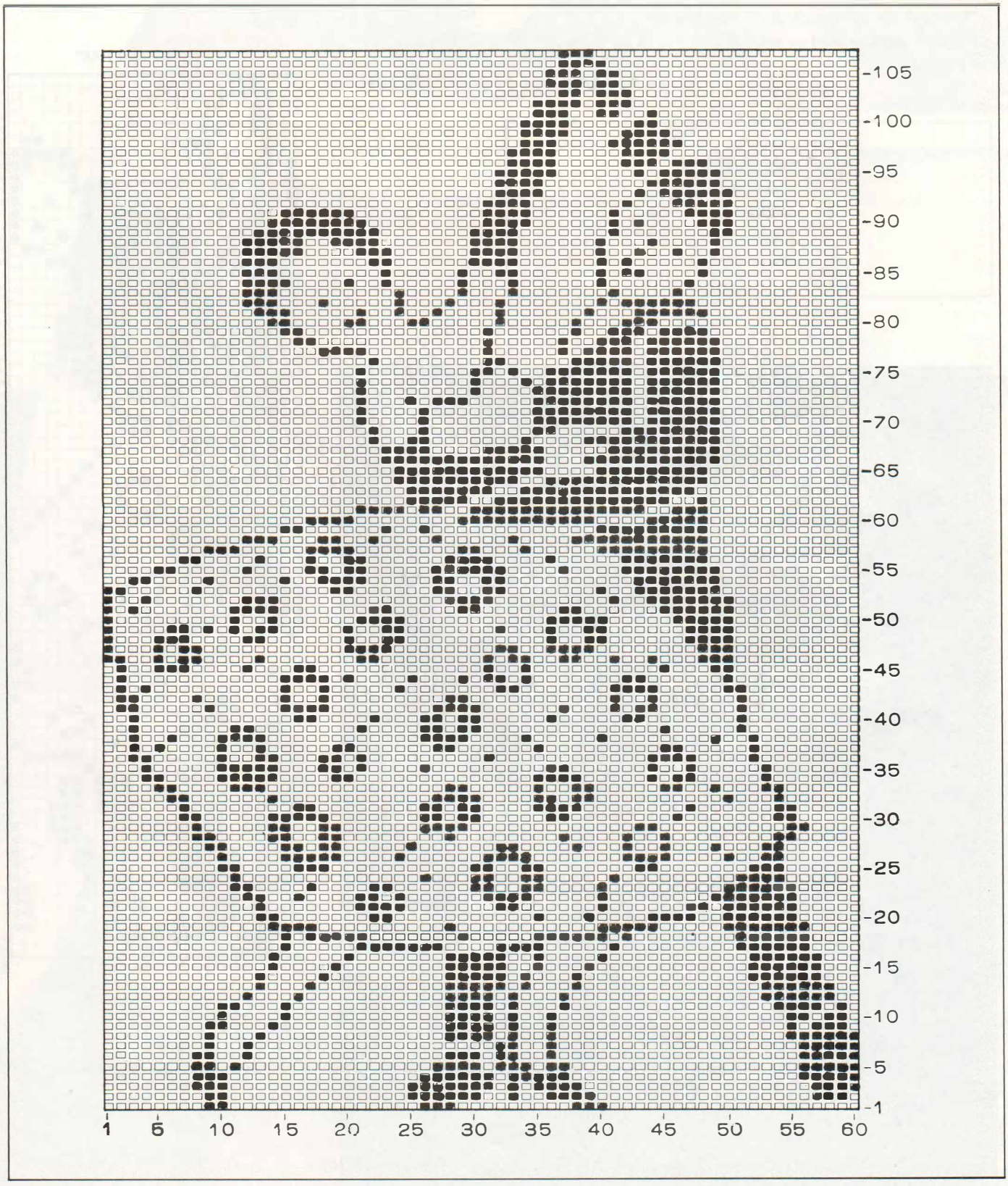
MAKING UP

Set in sleeves between markers. Join side, sleeve and neckband seam. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY.

Picture parade

Can you remember when the 'Come Dancing' commentator would say 'Miss So & So's dress has so many thousand sequins, all sewn on by hand by her mother'? Some of the modern dresses are so minimal that they hardly have room for three!

ELECTRONIC CHART



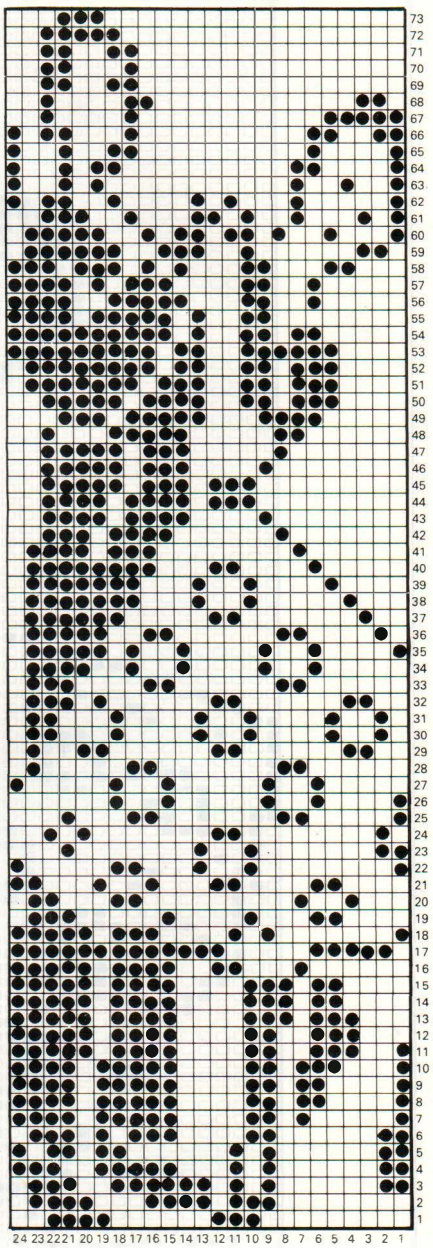
Picture parade

This month's motifs give plenty of scope for added decoration either with sequins, beads or embroidery and portray all the glamour of ballroom dancing.

The 60-stitch electronic/intarsia picture could be used on the front of a jumper, with the complementary 24-stitch repeating design on the sleeves. Punchcard machine owners can knit this latter design in bands, when it becomes reminiscent of formation dancing.

YARNS USED
Forsell Shamal
550 Pink
512 Sky Blue
516 Admiral

PUNCHCARD CHART



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Welcome to machine knitting – Part 5

VERSATILE V-NECKS

A selection of V-neck sweaters is a useful addition to any wardrobe. They can look casual over a polo necked shirt or smart over a collar and tie or a dressy blouse.

As with most knitted garments, the secret of success lies in the little extras that make a well finished garment.

Have you ever seen a picture of a V-necked sweater where the V is all distorted in the centre, especially where there are stripes or a Fair Isle pattern? It often happens and it need not be so. The secret lies in the picking up of the neckband and the way it is joined to the garment. As with most machine knitting techniques, there are alternatives and this time we will look at two of the most used methods.

GENERAL NOTES

Most V-neck shapings are worked by putting all needles to the left of centre 0 to the holding position, while work continues on the right hand set of needles. Often the armhole is being shaped at the same time. Once the first half is completed, the needles in hold are brought back into the working position and the second half is worked to match the first.

WEIGHTS

If you are using weights at all you need to keep an eye on them and see that they stay balanced and central. It is usually a case of lessening the overall weight and redistributing it so that the weights left on are balanced.

PROTECT YOUR KNITTING

This rule also applies to round neck shapings and other situations in machine knitting where the carriage is passing over stitches in holding position for more than just a row or too. The fabric hanging below the needles in hold is being repeatedly brushed by the brush assembly as the carriage passes back and forth and this can produce a) a brush mark and b) an oil mark. These can be avoided by various methods.

1. Hang an old tension swatch or piece of fine material over the sinker posts, covering that area and then the brushes will run over that and not across your knitting.
2. Run the stitches to be held off on to waste yarn or on to a garter bar instead of putting them in hold. This takes a little longer but in the case of white or very fine yarns it is sometimes the best option.
3. A piece of masking tape stuck on the knitting along the section where the brushes will be travelling also works but beware, there is a danger that pulling the tape off will cause more damage than the brushes in the first place. If you do use tape, don't use sellotape, use a light masking tape.

The safest method of all those suggested is to run the work off on to waste yarn.

KNITTING THE NECKBAND FIRST

This is the first method we will look at and is one of those most used. The neckband is knitted first and then attached to the garment. To estimate the correct number of stitches to cast on for the neckband, hold the neck edge up to the machine and, without stretching it, bring out the

PICK OF THE PUNCH

is the newest CML title by Maggie Tarason in CML's art folio range. It contains all the designs suitable for 12 and 24 stitch punchcard machines from their existing art-work collections, from single motifs to borders, specially for those of you who want to get positively punch-drunk! A huge collection for only £4.50 (including p&p).

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D3

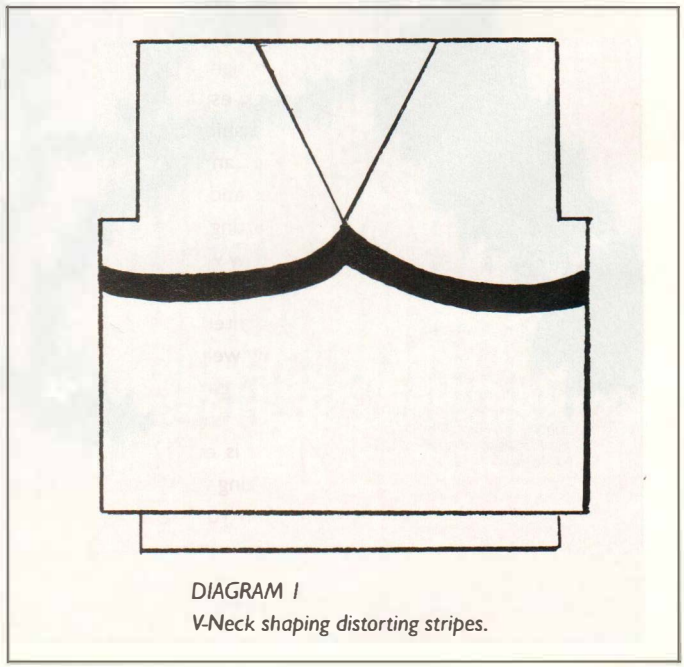

DIAGRAM 1
V-Neck shaping distorting stripes.

required number of needles to WP. This band can be knitted in three pieces, one for each front and one for the back or in two pieces, one each side and a join at the centre back neck. I favour the three piece method but that is only personal preference.

Having held the edge to the machine, let us say that you need 50 stitches for the band. Bring out an extra three stitchess at the V end. Knit the band required either single bed or on your ribber if you want a true rib. If it is single bed turn up the hem and if it is a ribbed band then transfer all stitches to the main bed. Knit one row main tension.

TO ATTACH THE BAND

Pick up the edge of the neck with the wrong side of the knitting facing you but LEAVE THE THREE EXTRA STITCHES AT THE V END FREE. Knit one row at a very loose tension, usually tension 10, then cast off with your latch tool including the three extra stitches. These extra stitches are sewn down afterwards, so that there will be no pull on the centre of the V.

KNITTING THE BAND ON TO THE GARMENT

This is also a popular method and just as easy and smart as the first one. This method will be much easier to do and will look much neater if your V-neck shapings are all fully fashioned (that is, made using either the double or treble transfer tool). With the wrong side of the knitting facing you, pick up the neck edge on to the machine. When you have picked the edge up increase two or three stitches at the V end using the e-wrap method; once again these will sew in at the end and prevent pulling on the V centre.

Having knitted the band (but do read the sections on shaping the mitres first), turn up the edge if it is single bed and then before casting off knit one row at tension 10. If this row looks as though it will be stiff because of the double stitches, just pull all needles out to HP before knitting across and the carriage should knit across without difficulty. However, if it is a nobbly or very textured yarn and you are worried about the yarn jamming or breaking you can do one of two things.

1. You can rethread with a plain four-ply in a similar colour and knit across and cast off in that yarn. This will not show on the outside of the garment.

OR 2. You can knit that last row across by hand and then you will be able to cast off more easily.

DIVIDING FOR THE V-NECK

In most cases the V-neck starts when the armhole shaping starts but this need not be so. It can be made smaller by starting after the start of the armhole shaping though this is not usually the case. It can also be started some rows before the start of the armhole shaping to produce a deeper V and these can be very attractive. If you do make a much deeper V then it is even more important that you pay special attention to the finish of the V shape and the attaching of the band.

A technique from the hand knitting books is to have an odd number of stitches cast on at the front so that when you reach the point where you divide for the centre you can put that centre stitch on to a safety pin. Then, when the band is complete, this stitch is crocheted up the centre of the V to give a neat finish.

THE MITRE

Decreasing, which is what you will be doing at the mitre, always tightens the knitting at the decrease edge and, it is this which causes tight and distorted V shapings, especially if the shaping is fully fashioned.

Keep an eye on the edge stitches and make sure that they are knitting off properly; use a small claw weight at the edge and this will help to keep the work from tightening. When you use the claw weights always put them on the knitting carefully and be just as careful when you remove them. It is easy to pull and snag the knitting with these little claws and then you have defeated the object.

AN ALTERNATIVE

Try this method instead of decreasing in the usual way and then increasing to form a mitre. Put the needles to be decreased, one at a time, into HP (carriage should be set to hold) and then put them, again one at a time, back into WP. This shapes the mitre but is much neater than the decrease and does not create as much pull as when you are actually transferring stitches from one needle to another.

INSTEAD OF A MITRE

If you don't want to mitre the centre you can achieve a neat finish by either of the following methods.

1. Knit the band straight, without any shaping at the centre and then simply overlap the ends of the bands at the centre. Sew the edge down neatly and you will have an acceptable finish.

2. Knit the bands without any shaping and then mitre them by sewing them into a mitre shape, catching the little 'wings' down neatly on the inside. Many industrially made garments have the V finished in this way.

In both these methods careful sewing is the most important thing to pay attention to.

TOO MANY STITCHES

The most common fault with V-neck bands is that of having too many stitches for the band and this results in a gaping neckband. Knit the first half of the front neck and then check that when it is laid flat it is not bulging or wobbly but nice and straight. If you are not satisfied it is not much trouble to undo that one section and start again with a few less stitches. This is much better than knitting the whole thing and then being disappointed.

VARIATIONS

You can make some interesting variations on V-neckbands that will add to the appeal of the garment. Stripes look smart and are often required on school uniform sweaters. A small band of Fair Isle looks good too and it gives the band a bit more firmness and body. Be adventurous, try various methods of applying the neck- 58 ▶

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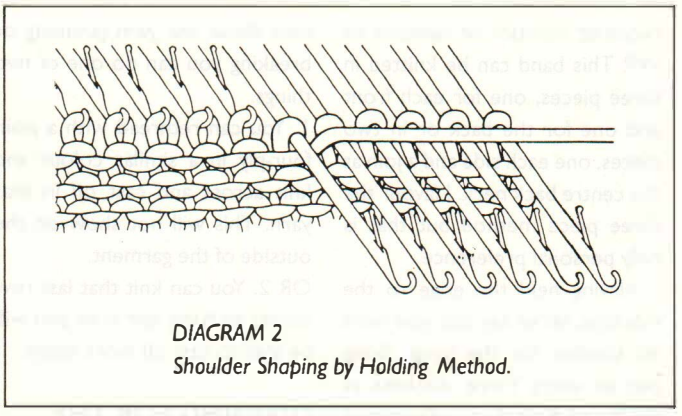


DIAGRAM 2
Shoulder Shaping by Holding Method.

bands, there are many and when you try one that you specially like don't forget to make notes.

SHOULDER SHAPINGS

Most set-in sleeve patterns require some shoulder shaping and some drop shoulder or semi-drop shoulder patterns are also improved if the shoulder is shaped.

A standard pattern will often have the shoulder shaping written as follows:

Cast off 6 sts at beg of next 4 rows, 5 sts at beg of next 4 rows and 4 sts at beg of next 2 rows. Cast off rem sts.

To do this produces a series of steps which are a nuisance to sew in neatly.

INSTEAD

The alternative is to use the holding position just as you do for holding neck stitches, except that in this case you will be shaping gradually. To use this method is easier, quicker, less bulky and makes the sewing up much easier. It also prevents you from having a tight edge where you would have made the series of castings off.

A SAMPLE

The easiest way to make this method clear is to give a sample to knit:-

Cast on 60 stitches and knit about 30 rows. Start the shoulder shaping. With your carriage on the right, set the carriage to HOLD. Put four needles at the left out to HP. Knit across and then bring the fifth needle from the left also out to HP. This prevents you from making a hole as you knit back, it wraps the yarn automatically round the end stitch in HP. Now bring four needles at the right out to HP and knit across. Bring the fifth needle from the right also out to HP and bring four more needles at the left out to HP. Knit across. Then put the fifth needle from the left out to HP and four more at the right, knit across. Put the fifth needle from the right out to HP and five needles at the left out to HP. Knit across and put the sixth needle at the left out to HP and five at the right out to HP. Knit across. Put the sixth needle at the right out to HP and your shoulder shapings are complete. You are left with 16 stitches in HP at each side and 28 stitches left in the centre. Cast the centre stitches off or run them off on to waste yarn and then in turn knit one row at main tension on each set of shoulder shaping stitches and then run them off on to waste yarn.

JOINING THE SHOULDERS

When your garment is complete there are two good methods you can use to join the shoulders neatly. You can, if you wish, graft them by hand or you can join them on the machine. This second method of joining the shoulders is quick and easy to do, it gives a neat finish and the shoulder has a firm edge that helps to keep it in shape when the garment is worn.

TO JOIN THE SHOULDERS ON THE MACHINE

With the two right sides facing each other, rehang the shoulder edges on to the machine. Knit one row at tension 10 and cast off with the latch tool.

TAKE CARE

Make sure that you have not twisted the shoulders as you join them . . . it can happen!!

2 ply Cotton Slub

2 ply Acrylic/ Nylon

3 ply Acrylic, Cotton, Nylon

4 ply Natural Fibre

3 ply Acrylic, Wool, Alpaca

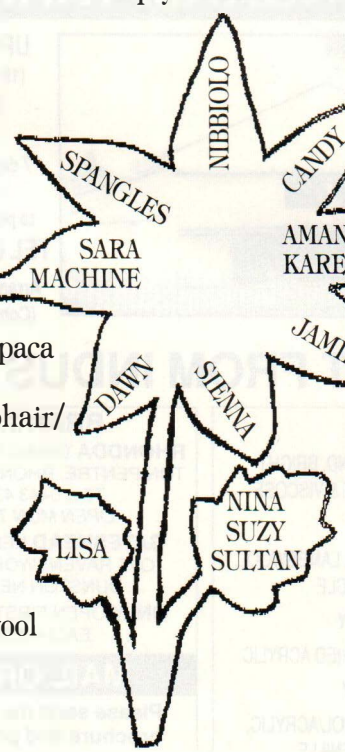
4 ply Supawash

2 ply Mohair/ Nylon

2 ply Silk Blend

2 ply Alpaca Lambswool

4 ply Natural Fibre



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Making tracks

Rack those ribbed tucks to make tracks on this classic V-neck cardigan by Gail Miller, knitted in Yeoman Sport.

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

MATERIALS
Yeoman Sport. (Yarn Guide No. 11.)
2 x 500g cones in Privet (MY).
5 buttons.

GARMENT WEIGHT
Finished garment in third size weighs 675g.

The fibre content of this yarn is 100% Wool. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 97 [102, 107, 112, 117] cm, 38 [40, 42, 44, 46] in.
Actual size 113 [118, 123, 128, 133] cm, 44½ [46½, 48½, 50½, 52½] in.
Length to shoulder 66 [66, 67, 67, 68] cm, 26 [26, 26½, 26½, 27] in.
Sleeve seam 55 [55, 56, 56, 57] cm, 21½ [21½, 22, 22, 22½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
29 stitches (on main bed) and 44 rows to 10 cm, 4 in measured over rib pattern (tension dial approximately 6/6).

For perfect results, please check your tension carefully.

KNITTING NOTES
Count Ns in NWP as sts on buttonhole band.
When shaping, count Ns on main bed only, ribber sts should be decreased or increased automatically as required to keep pattern correct.

Rib Pattern
Arrange Ns and transfer sts as shown on diagram.
Set ribber to tuck from right to left only.
K 2 rows. Rack 1 N to right, K 2 rows. Rack 1 N to left.
These 4 rows form pattern.

BACK

With carriage at right and using MY, cast on 167 [173, 181, 189, 195] sts in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–2/MT–2, K 26 rows. Set half pitch lever to H. Set RC at 000. Using MT/MT, cont in rib patt *. K 150 rows. Place marker at each end. K 110 [110, 114, 114, 120] rows. RC shows 260 [260, 264, 264, 270]. Transfer sts to main bed. Place marker at each side of centre 47 sts. Cast off.

LEFT FRONT

With carriage at right and using MY, cast on 80 [83, 87, 91, 94] sts in 1x1 rib. Work as for back from * to *. K 74 [74, 78, 78, 84] rows **. *** Place marker at left edge.

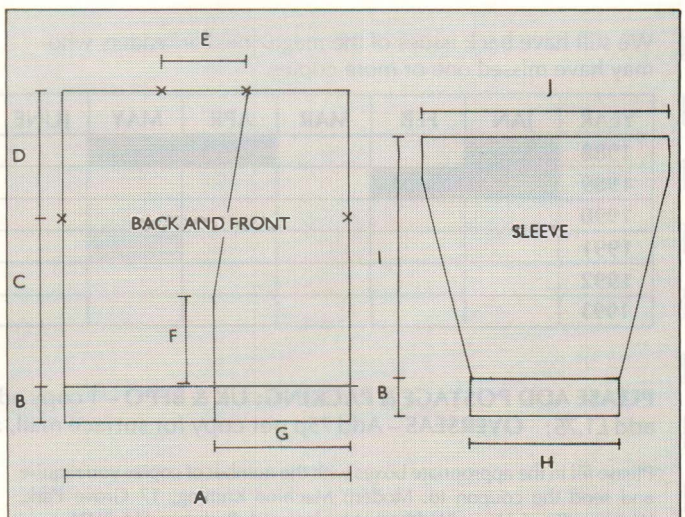
Shape Front Edge
Dec 1 st at left edge of next and every foll 8th row until 70 [73, 78, 82, 85] sts rem on main bed. K 3 [3, 7, 7, 1] rows. RC shows 150. Place marker at right edge. Cont to dec at front edge on every 8th row from previous dec until 60 [63, 67, 71, 74] sts rem on main bed. K 33 rows. RC shows 260 [260, 264, 264, 270]. Transfer sts to main bed. Cast off ***.

RIGHT FRONT

Work as for left front to **, then from *** to *** reversing shapings by reading left for right and right for left.

SLEEVES

With carriage at right and using MY, cast on 87 [87, 93, 93, 99] sts in 1x1 rib. Work as for back from * to *. K 25 rows. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 145 [145, 151, 151, 157] sts on



A = 57.5 [59.5, 62, 65, 67] cm
B = 7 cm
C = 34 cm
D = 25 [25, 26, 26, 27] cm
E = 16 cm
F = 17 [17, 18, 18, 19] cm
G = 27.5 [28.5, 30, 31, 32] cm
H = 30 [30, 32, 32, 34] cm
I = 48 [48, 49, 49, 50] cm
J = 50 [50, 52, 52, 54] cm

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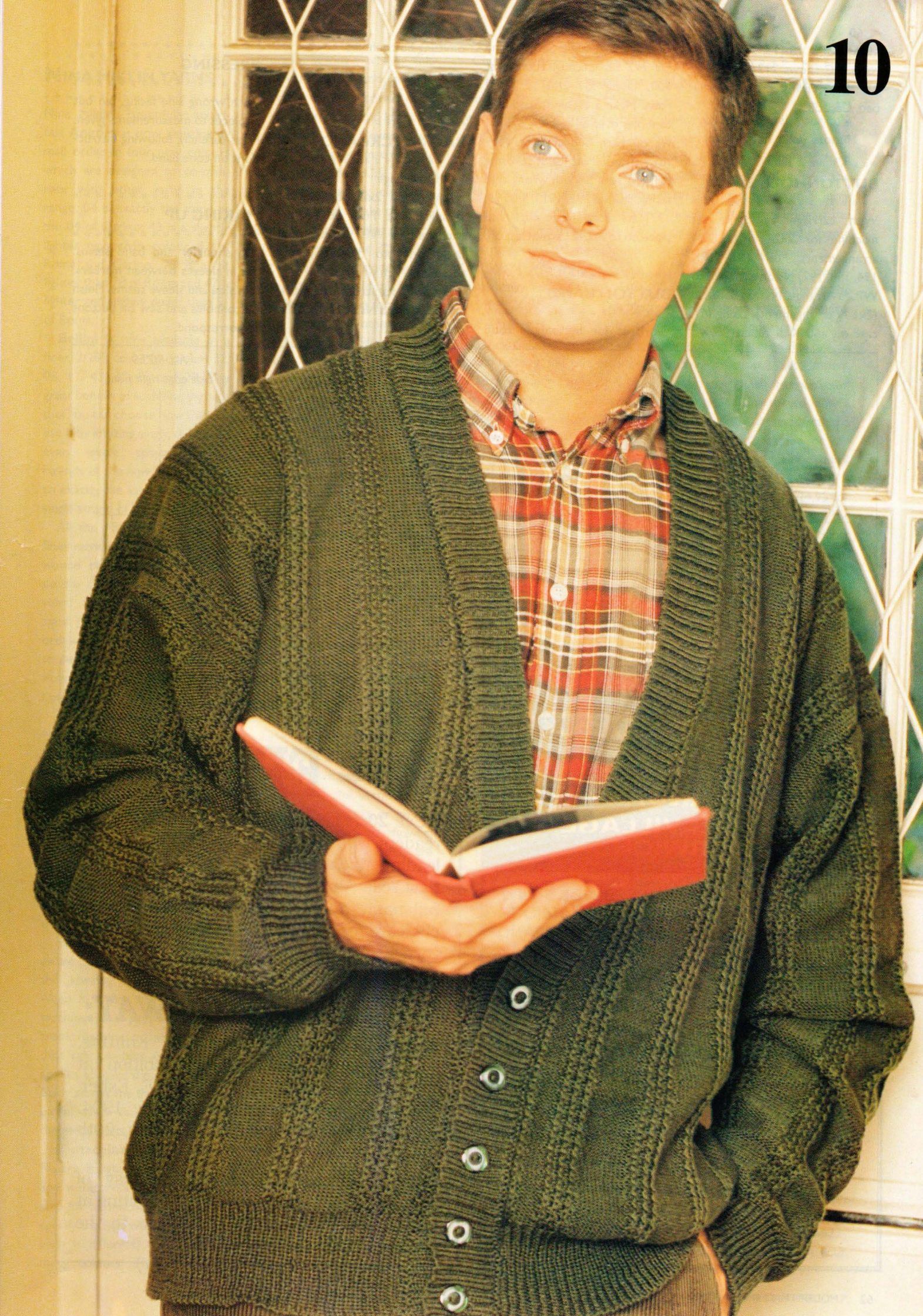


main bed. K 18 [18, 22, 22, 26] rows. RC shows 212 [212, 216, 216, 220]. Transfer sts to main bed. Cast off.

BUTTONHOLE BAND

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 191 [191, 194, 194, 197] Ns on each bed to WP. * Arrange Ns for 2x2 rib (2x1 N arrangement). Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–2/MT–2, K 9 rows. Make 5 evenly spaced buttonholes over 64 [64, 67, 67, 70] Ns on each bed at right. K 9 rows. Transfer sts for st st. Using MT, K 1 row *. With wrong side facing, pick up 191 [191, 194, 194, 197] sts along front edge and place on to Ns. K 1 row. Cast off.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

BACK NECKBAND

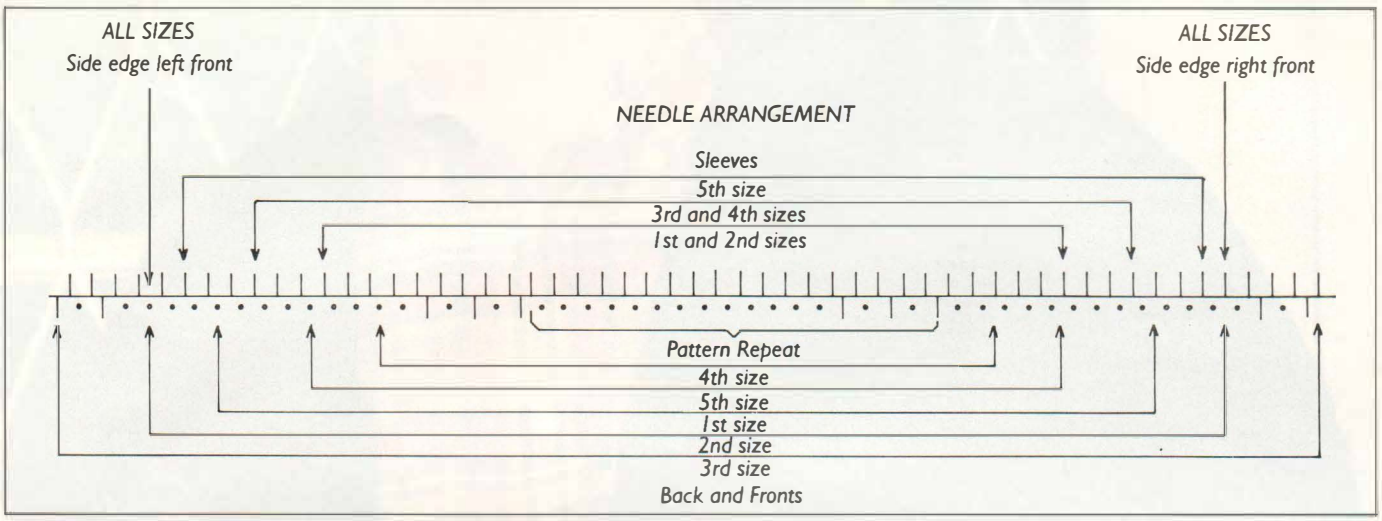
With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 56 Ns on each bed to WP. Work as for back from * to *, omitting buttonholes. With wrong side facing, pick up 56 sts across back neck and place on to Ns. K 1 row. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder and band seams. Set in sleeves between markers. Join side and sleeve seams. Finish buttonholes and sew on buttons to correspond.



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D4

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D3

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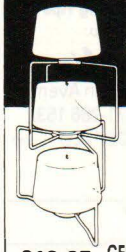

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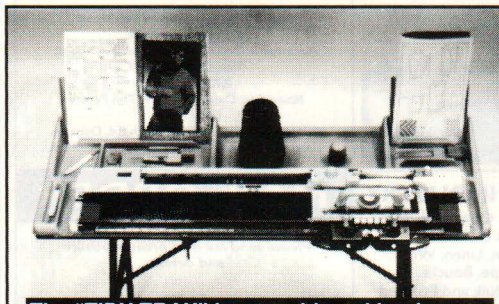

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Classifieds

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TOYOTA 747 12 stitch, with ribber and lace carriage, Knit Tracer, punchcards, punch, instruction books, table. Good working order, £275. Tel: 0842 755802 (Thetford).

BROTHER 836, nearly new, including lace carriage, linker, punch and punchcards, several hundred books and many cones of yarn, £180 ono. Tel: 0255 553709 (Harwich).

BROTHER 260 Chunky knitting machine with ribber, table, pattern books and ribber covers, vgc, bargain at £345 for quick sale. Tel: 03873 72200 (Canonbie).

HORN knitting machine cabinet and bench, excellent condition, £110. Tel: 091-416 0822 (Washington).**SINGER** 611 Electronic, intarsia carriage, transfer carriage, G.L. unit, video, extra yarn mast, lots of books, vgc, price includes p & p and insurance, £300. Tel: 0304 375520 (Deal, Kent).

BROTHER 891 punchcard machine with Knitleader, lace carriage and new punch, vgc, £270. 0743 872273 (Shrewsbury).

BROTHER KA8310 linker, new, boxed, £50, or swap for CalcuKnit. Tel: 0384 440438 (Stourbridge).

KNITMASTER Zippy Deluxe machine SRP60N, Knit Radar KR7, excellent condition, little used, many extras and table, £325. Also intarsia carriage AG20, unused, £15. Tel: 0476 550612 (Grantham).

BROTHER KH836 knitting machine, KR850 ribber, lace carriage, table, card punch, excellent condition, 2 years old, £375 ono. Tel: 0539 560132 (Kendal, Cumbria).

BROTHER KH710 with ribber, lace carriage, good machine for beginners, space needed, £160; Simple Frame 96, knits on lap, instruction manual, £40. Tel: 0772 633708 (Preston, Lancs).

KNITMASTER model 360, lace carriage, folding table, yarn winder, instruction tapes, punchcards, four manuals, Mary Weaver Knitting Technology, patterns. Tel: 0372 457578 (Leatherhead).

BROTHER 260 punchcard ribber, intarsia carriage, £500. Tel: 0202 576469 (Bournemouth).

BROTHER 881, built-in Knitleader, punchcards, lace carriage, ribber KR850, table, extras. Good condition, recently serviced, £375 ono. Tel: 021-353 5067 (Birmingham).

TOYOTA KS901 knitting machine with lace carriage, unused, both boxed, £195. Tel: 0324 23528 (Falkirk, Scotland).

KNITMASTER RT1 transfer carriage, as new, unwanted gift, £35 ono; Bond Classic, new carriage, many pattern books, £60 ono. Tel: 021-588 7008 (West Bromwich).

BROTHER KH891 Knitleader, lace carriage, also Brother punch plus other extras, £270. Have gone electronic. Tel: 081-500 3873 (Chigwell).

BROTHER KH830 knitting machine, lace carriage, plus KR830 ribber, £265 ono. Tel: 0752 880241 (Plymouth).

KNITMASTER 324 and Zippy De Lux machines for sale, £100 and £140 each; lace carriage, £85. Tel: 0475 676440 (Largs).

KNITMASTER LC2 lace carriage, used three times, gone electronic, £80. Tel: 0462 686476 (Letchworth, Herts).

BROTHER 965 Knitleader, colour changer, PPD110/20, cassette, light, ribber, books, wool, etc., £1,350. Tel: 0842 815770 (Brandon).

AMSTRAD 6128 computer, plus knitting programs, Terry Mason's pattern writer, HTB computers punched card, art studio, printer, monitor, mouse, lightpen, etc., £300. Tel: 0235 532282 (Abingdon).

YEOMAN Grigna 2, 2 cones Ruby Red + 1 cone matching Supersheen; Yeoman Grigna 2, 2 cones Emerald Green + 1 cone matching Supersheen. Never started, £12 per 3 cones. Tel: 0443 430920 (Rhondda).

FOR SALE

BROTHER KH260 chunky punchcard with KR260 ribber, intarsia, used only twice, still boxed, plus extras. Unwanted present, £450. Tel: 0480 411018 (Huntingdon).

TOYOTA 950 knitting machine with ribber and tilt table. Reluctant sale owing to lack of space, £450 ono. Tel: 0532 688446 (Leeds).

PASSAP Duo 5 double bed knitting machine, transfer carriage, punch, Deco, 4-colour, excellent condition, £275; Jones Convertible, still boxed, £70. Tel: 0742 879658 (Sheffield).

BROTHER KH260 chunky punchcard machine with ribber, winder and accessories, £395. Tel: 061-969 2044 (Manchester).

SINGER industrial sewing machine 20U, blue, serviced by Singer. Good condition, has fixed table and motor ¼ h.p., £200. Tel: 0235 850888 (Didcot).

BROTHER 891 knitting machine, built-in Knitleader, lace carriage, punchcards, accessories, instruction book, £250 ono. Tel: 0600 890301 (Ross-on-Wye).

BROTHER 881 with built-in Knitleader, lace carriage, plus 850 ribber. Both very good condition, plus table, books and yarn, £350. Tel: 0342 326212 (East Grinstead).

KNITMASTER 305 with table, plus pattern cards, £60. Tel: 0494 775490 (Chesham, Bucks).

TOYOTA KS901 ribber, lace carriage, intarsia carriage, colour changer, punchcards, plaiting device, table, cover, instruction books. Very good condition, £275. Tel: 0656 659608 (Bridgend).

KNITMASTER Zippy Deluxe, as new, punchcard, table and various accessories, £130 ono. Full manual. Tel: 0522 696510 (Lincoln).

SINGER Memomatic with many attachments and Memo II. Excellent condition, £1,000 or nearest offer. Machine includes motor. Tel: 0745 332920 (Rhyl).

KNITMASTER 323 with ribber, intarsia carriage, Knit Radar, punchcards, magazines and accessories, £200. Call after 6 pm week days. Tel: 0282 692224 (Nelson, Lancs).

TOYOTA 901 with ribber, lace carriage and tilt table, will accept £250 for quick sale, good condition; transfer carriage, new, £30. Tel: 0643 707012 (Minehead).

BROTHER 260 chunky, new, plus ribber and table, £495. Tel: 0606 42155 (Northwich).

KNITMASTER YC5 colour changer, £20; KR7 contour, £50; garter bar plus Kamalini Trentham video, £30; intarsia carriage plus intarsia yarn guide, £10. Tel: 0924 54241 (Wigan).

TOYOTA 901 plus ribber, intarsia, lace carriage, Knit Tracer, video, table. As new, all still boxed, £300. Will split. Tel: 0273 301524 (Brighton).

BROTHER 850 ribber plus covers, £170; transfer carriage, boxed, £35. Both, £200. Tel: 0670 789258 (Northumberland).

KNITMASTER 155 chunky punchcard knitting machine, ribber, intarsia carriage, blank punchcard, magazines, £275 ono; Knitmaster 323 standard gauge punchcard knitting machine, £100 ono. Tel: 0704 833316 (Merseyside).

BROTHER 950i with manuals, mylar sheets, plus some wool. Excellent condition, £450. Tel: 0384 571186 (Stourbridge).

PFAFF 6000E, white stand, excellent condition, £800. Tel: 0332 40092 (Derby).

PFAFF 6000 with stand, 4-colour changer, video, extra strippers, very good condition, £900. Tel: 081-693 7177 (SE London).

BELLINKY linker, boxed, instructions, spare needles, £40. Tel: 0473 603746 (Ipswich).

FOR SALE

BROTHER 891 plus garter carriage KG89, £400. Will separate. Tel: 0253 594621 (Blackpool).

KNITMASTER 560 electronic, ribber, lace carriage, intarsia carriage, linker, table. Many other extras, £400; Knitmaster 370 fine gauge ribber, lace carriage and table, £300. Tel: 0757 630147 (Selby).

BROTHER KH891, built-in Knitleader, lace carriage, table, plus extras, vgc, 18 months old, £250. Tel: 0234 765159 (Bedford).

BROTHER KH260 chunky, vgc, £250. Tel: 0256 55404 (Basingstoke).

LACE carriage for Knitmaster 350, vgc, £40. Tel: 0272 672325 (Bristol).

BROTHER 260 chunky, ribber, intarsia carriage, table, £475. Tel: 0746 780836 (Bridgnorth).

MINIMATH hand linker, as new, £100. Tel: 0978 780711 (Wrexham).

BROTHER KR710 ribber, Brother KH710 knitting machine, lace carriage, manuals, file pattern book. Both boxed, little used, £150 for both ono. Tools. Tel: 081-850 9857 (Eltham, London).

TOYOTA 747 knitting machine, ribber, lace carriage and tilt table. Good condition, £100. Tel: 0303 269329 (Hythe, Kent).

KNITMASTER ribber SRP50, £90; Knitmaster lace carriage, £60; Knitmaster colour changer YC5, £35. Tel: 0493 655099 (Gt Yarmouth).

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KNITMASTER 700KL, Fair Isle, weaving, radar, patterns, books, table, wool winder, lace carriage, new punch, cards, serviced, £275; linker, £30. Owner ill. Tel: 081-460 5354 (Bromley).

BROTHER 910 electronic, lace carriage and many mylar sheets, also table, £260. Tel: 0827 899081 (Tamworth, Staffs).

TOYOTA 901DX, ribber, intarsia, lace carriage, auto linker, tilt table, punchcards, spare needles, manuals, £300. Gone electronic. Tel: 0274 653096 (Bradford).

KNITMASTER 360KL, built-in radar, lace carriage, punchcards, colour changer, all complete and very clean, £250 ono. Please ring after 6 pm. Tel: 0522 722169 (Lincoln).

BROTHER KH881 knitting machine, Knitleader, lace carriage, card punch, plus instruction book and accessories, vgc, £185 inc postage. Tel: 0449 711693 (Stowmarket).

BROTHER knitting machine KH836, lace carriage, intarsia carriage, all boxed, only 8 months old, gone electronic, £240. Tel: 0634 253863 (Rochester).

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KNITMASTER chunky 155, ribber, intarsia carriage, excellent condition, £430. Tel: 0272 780485 (Bristol).

BROTHER KH836, as new, £150. Now bought electronic. Tel: 0430 872186 (Nr York).

TOYOTA 950 knitting machine, plus ribber, tilt table, intarsia carriage, manuals, punchcards, punch and books, £350 ono. Very good condition. Tel: 0234 262532 (Bedford).

OVERLOCKER differential feed, used twice, 18 months old. No further use for it, £190. Tel: 0703 327827 (Southampton).

BROTHER 910 MK2 electronic knitting machine, little used, as new, plus table, £325. Tel: 0272 864673 (Bristol).

PASSAP Duo 80, 2-colour changer and stand, £175; Knitmaster Zippy Plus, hardly used, £175, plus table. Tel: 0489 572400 (Hampshire).

KNITMASTER 323 punchcard knitting machine with SRP ribber, table, wool winder, and all instruction manuals, £165. Also Knitmaster 302 knitting machine with instruction manual, good working order, £35. Tel: 0706 874509 (Bacup, Lancs).

TOYOTA KS950 knitting machine with ribber built-in, lace carriage, colour changer, wool, patterns, punchcards and lots more, £500. Tel: 0743 81328 (Shrewsbury).

BROTHER KH840 punchcard machine with lace carriage, punchcards, hole puncher, wool winder, plus books and some wool, £175. Tel: 081-744 0841 (Twickenham).

BROTHER 230 chunky with ribber and table, £200 ono. Hardly used. Tel: 0703 431197 (Southampton).

KNITMASTER lace carriage, £80; YC6 colour changer, £95. Both still boxed, never used, buyer collects. Tel: 0235 763010 (Wantage, Oxon).

SINGER Memomatic electronic, instructions, accessories, £200 ono. 83b Carnarvon Road, Clacton-on-Sea, Essex.

SIMPLEFRAME size 96 with single bed conversion, some patterns included, will post free, £30. Tel: 0482 42535 (Hull).

BROTHER ElectroKnit 910, vgc, manuals plus many electronic books and table, £60. Tel: 0708 223675 (Essex).

KNITMASTER 360KL machine, SRP50 ribber, lace carriage, Knit Radar, linker, YC6 colour changer, intarsia, weaving arm, wool winder, punchcards. Tel: 0457 853867 (Glossop, Derbyshire).

TOYOTA KS901 knitting machine, KR501 ribber, lace carriage, Knit Tracer, punch and cards, table, wool winder, manuals, excellent condition, £350. Tel: 0753 814143 (Slough).

BROTHER KH710, as new, with lace carriage, £50 or offers. Possible part exchange for ribber and wool. Tel: 0977 555909 (Castleford).

BROTHER KH260 chunky punchcard machine with ribber, intarsia carriage, table, punchcards, punch, wool winder, strip lamp. Excellent condition, £550; Knitleader £50. Tel: 0932 868864 (Cobham, Surrey).

BROTHER 230 chunky with ribber and table, £200. Tel: 0293 530301 (Crawley).

KNITMASTER 560 electronic, lace carriage, SRP60N ribber, RJ1 jacquard carriage, YC6 colour changer, £550 ono. Tel: 051-356 5315 (Ellesmere Port).

BROTHER 910 MK2 electronic knitting machine, KR850 ribber, lace carriage and table, £330; Knitleader, £50; single bed colour changer, £55; intarsia carriage, £35; linker carriage, £35; transfer carriage, £40; Hague hand linker, £120; 1 wool and 1 cone winder, yarn twister, wool, books, £50. Tel: 0942 54087 (Wigan, Lancs).

PFAFF 6000 electronic, automatic four colour, Electra 3000A motor, U70, extras, £1,145; Creation 6 complete, £100. All as new. Tel: 0905 56915 (Worcester).

FOR SALE

KNITMASTER HK160, £75; KR6 Knit Radar, £45; HK160 blank punchcards, £1 each; Le Cle HK160 pattern book, £12; brand new SC1 linker for above, £45. Tel: 0202 738263 (Poole).

TOYOTA 901 ribber, lace carriage, Knit Tracer, intarsia carriage, colour changer, plating unit, tilt table, instruction books and punchcards, £350. Tel: 0228 28033 (Carlisle).

PASSAP 80, complete with Deco U80 and Forma. Good condition, £550. Tel: 0684 574402 (Malvern).

PASSAP Duomatic double bed knitting machine (pink). Buyer to collect, £95. Tel: 0494 815074 (High Wycombe).

BROTHER KH830 knitting machine, lace and intarsia carriages, punchcards and punch, £150. Tel: 081-656 4089 (Croydon).

SINGER Memomatic, ribber, copier, card punch, cards, lace carriage, pattern rolls, table, instruction and pattern books, plus extras, £650 ono. Tel: 0262 420585 (Driffield).

CHUNKY Knitmaster Prof 155, with ribber and intarsia carriage, plus books. New except for trial swatches, £350. Tel: 0425 654811 (Fordingbridge).

KNITMASTER Zippy Plus, lace carriage, punchcards, manuals, punch, gone electric, £250; Ruth Wood's video Hague Linker, £8. Will post. Tel: 0602 605399 (Nottingham).

TOYOTA Knit Tracer K33, hardly used, £30 ono. Tel: 0708 457989 (Hornchurch).

PFAFF Duomatic, Deco 4-colour changer, Form computer, punch, patterns and blank cards. Recently serviced, as new, can deliver, £400. Tel: 0749 812408 (Somerset).

PASSAP Duo 80, green, double bed, stand, 4-colour changer, Forma U80 Deco, punchcards, punch, accessories, instruction and pattern books, £475. Tel: 0485 543227 (Kings Lynn, Norfolk).

KNITMASTER 700 with ribber in Keyto cabinet, also 4-colour changer, built-in punchcard, Knit Radar, £500. Tel: 0494 562639 (High Wycombe).

BROTHER 260 chunky with ribber and intarsia carriage, good condition, £395; also KHC900 double bed colour changer, £45. Tel: 0276 471124 (Camberley).

KNITMASTER 155 chunky with table, yarn, accessories, £250 ono; chunky ribber, £100 ono; Knitmaster SRP50 ribber, £100 ono; Knitmaster 360/260 lace carriage, £50 ono. Tel: 0533 823766 (Leicester).

KNITMASTER 324, very good condition, £95. Tel: 0782 213497 (Stoke on Trent).

KEYTO cabinet and bench, mahogany finish, perfect condition, £50. Tel: 0268 542162 (Basildon).

BROTHER KH710 with table and accessories, £75 ono. Tel: 0772 36195 (Preston).

TOYOTA 950, ribber KR506, SimulKnit, hardly used, £350 ono. Tel: 0902 498969 (Bilston).

KNITMASTER 700K, punchcards, manuals, £75 ono. Tel: 0443 412684 (Treharris, Mid Glamorgan).

SINGER 611 electronic double bed, with motor drive, transfer carriage, patterns, wool and table, vgc, £600 ono. Tel: 0562 824951 (Kidderminster).

BROTHER 891 with Knitleader and lace carriage, £275; garter carriage KG89II, £275. Buy both for £500. Hardly used, going chunky. Tel: 081-205 6890 (Edgware).

BROTHER 881, built-in Knitleader, ribber, rib transfer, lace carriage, intarsia, single colour change, Keyto cabinet, bench, wool winder, patterns, etc., £500. Tel: 0706 814467 (Todmorden).

FOR SALE

PFAFF Duo 80 white, 4-colour changer, Deco Form computer U100, used three times, all instructions, cards, etc. Excellent condition. Tel: 0420 472509 (Alton, Hants).

KNITMASTER 500 electronic, Knit Radar, books, intarsia AG20, YC5, £450. Perfect. Tel: 0573 420232 (Kelso).

KNITMASTER 580 electronic, PE1 lace carriage, £600; RT1, £30; SCB, £30; weaving arm, £30; KR7, £70; 8-way T-mast, £40; or £725 the lot. Must sell. Local delivery possible. Tel: 0975 641215 (Aberdeenshire).

BROTHER KH260 chunky with ribber, Knitleader and table. All in pristine condition, £500. Tel: 081-876 4241 (SW London).

KNITMASTER 326, ribber, linker, intarsia, colour changer, instruction manuals, many accessories, £260. Sale due to bereavement, buyer must collect. Tel: 0476 70463 (Grantham).

EXTRA stitch cartridge, over 500 patterns, plus Book 5, will fit Brother 965, 900 and 940 with PPD. New, unused, £75. Tel: 0422 832745 (Halifax).

TOYOTA KS901, plus ribber, transfer carriage, never used. Several other accessories, wool, books and patterns. Very good condition, £400 ovno. Tel: 0634 863874 (Chatham).

KNITMASTER 270K fine gauge, ribber FRP70, lace carriage, punch, extra cards, plus tools & instruction books. Good condition, £350. Tel: 0366 383045 (Downham Market).

KNITMASTER 323 with table, instruction manual, punchcards, wool winder, £60. Tel: 0977 615539 (Pontefract).

PFAFF Duo 80, Deco, punchcards, stand. As new, two years old, £525 ono. Gone electronic. Tel: 0703 893716 (Southampton).

BROTHER 891, lace carriage, Knitleader, punch, various punchcards, extras, vgc, going electronic, £260. Tel: 0603 872074 (Norwich).

KNITMASTER 360 with ribber, lace carriage, intarsia carriage and colour changer, plus chunky machine and rib transfer carriage. Sold complete, many accessories. Offers. Tel: 0749 390323 (Wiltshire).

KNITMASTER Zippy Deluxe, manual, punchcards and wool winder. Boxed, hardly used, £150 ono. Tel: 0206 241308 (Colchester).

GARTER carriage KG88/II, eighteen months old, £180 ono; Brother linker KA8310, £50 ono. Tel: 0487 812149 (Ramsey, Cambs).

BROTHER KH881, £195; Brother KH830, almost unused, £145; KA2600 intarsia carriage, £25; KA8210 intarsia carriage, £20. Tel: 0706 873174 (Bacup).

KNITMASTER SRB ribber, fits older models up to and including KM321, vgc, £60. Tel: 0734 787470 (Wokingham).

BROTHER 910 electronic, £345; KR850 ribber, £190; Knitleader, £50; table, £10. Tel: 081-642 9609 (Croydon).

SILVER REED 840 with ribber, table and electric EC1 pattern controller, £750 ono. Tel: 061-775 7294 (Irlam).

BRAND NEW Silver Reed SK830, fine gauge with lace carriage, EC1 controller. Unwanted prize, unopened, new price £1,300+. Offers? Tel: 0722 326511 (Salisbury).

JONES ribber KR582, to be used with KH585 machine, £50 ono. Tel: 0634 861852 (Chatham).

BROTHER 891 punchcard machine, lace carriage, built-in Knitleader, instructions, extra punchcards, vgc, £280. Tel: 0743 872273 (Shrewsbury).

KNITMASTER 700K punchcard machine, lace carriage, intarsia, SRP60N ribber, transfer carriage, all boxed. Table, tools, punchcards and manuals, £400. Tel: 0702 545008 (Southend-on-Sea).

FOR SALE

KNITMASTER Knit Radar, fits Knitmaster 260, £38. Tel: 061-775 8779 (Cadishead, Manchester).

BROTHER KH836 knitting machine, ribber, transfer carriage, lace carriage, Knitleader, table, card punch, wool winder, books, blank cards, extra tools, £350 ono. Tel: 0322 386170 (Dartford).

BROTHER chunky KH230 with ribber and table, some books, £250; also early Knitleader, £30. Tel: 0553 764207 (King's Lynn).

KNITMASTER 360 machine, lace carriage, ribber, intarsia, with teak Keyto cabinet and bench, many extras, £400; also YC6 colour changer, £90. Tel: 021-628 7221 (Birmingham).

BROTHER KH891 punchcard machine with built-in Knitleader, lace carriage, punchcards and hole punch, £230 ono. Tel: 0622 676548 (Maidstone) evenings only.

KNITMASTER 155 professional chunky knitting machine with accessories and instruction book, £125. Tel: 0235 528473 (Abingdon) evenings/weekends.

KNITMASTER 560 electronic, lace carriage, SRP50 ribber, table, yarns, £420; YC6 yarn changer, £80; also intarsia carriage, SC3 linker, wool winder, books. Tel: 0444 413671 (Haywards Heath).

BROTHER KH891 plus ribber KR850, accessories, yarns, magazines, plus cabinet and bench, £375 ono. Tel: 0303 256631 (Folkestone).

BOND Classic extension kit, row counter, intarsia carriage, video and books, as new, £90 ono. Tel: 0542 887797 (Keith).

BROTHER KH860 punchcard machine with intarsia carriage and puncher. Good condition, £150. Tel: 0344 844717 (Chertsey, Surrey).

KNITMASTER 302, hardly used, £50. Tel: 0484 662158 (Huddersfield).

WANTED

RIBBER for Brother KH710, must be reasonable. Tel: 0286 870770 (Gwynedd).

EXTENSIONS, yarn grabbers, pattern books, for Bond Classic. Reasonable prices, please, 29 Silverthorne Lane, Cradley Heath, Warley, West Midlands B64 5AY.

COLOUR changer KH820A, Knitleader KL116. Cash or exchange Singer Magic Memory KM KE1200, instruction pattern books, cards, little used, or offers. Tel: 0522 680757 (Lincoln).

KNITMASTER HK160, fair price paid depending on condition, carriage paid from anywhere. Tel: 081-678 7448 (London).

PASSAP Handbook Deco by Bernadette Ernakovich, in clean condition. Tel: 0703 446389 (Southampton).

INTARSIA pattern of two shire horses and plough, from Kilford collection, circa 1988, please. Tel: 0227 738504 (Canterbury).

URGENTLY wanted, instruction book for Corona CN110 to buy or photocopy, will return by post next day and pay for all expenses incurred. Tel: 0625 878610 (Poynton).

COPIES of Swiss Knitter magazine wanted. Tel: 0582 873267 (Dunstable).

SWAP

TOYOTA chunky, one year old, for Brother KR850 ribber or £149. Tel: 0703 685231 (Southampton).

BROTHER three strand overlocker 532N, as new, for Brother disk drive for 950i. Tel: 0933 624391 (Northants).

PATTERN INFORMATION

ABBREVIATIONS

alt = alternate(ly)
beg = beginning
ch = chain
cm = centimetres
cont = continue(ing)
dc = double crochet
dec = decrease(ing)
foll = following
g = grams
HP = holding position
in = inch(es)
inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

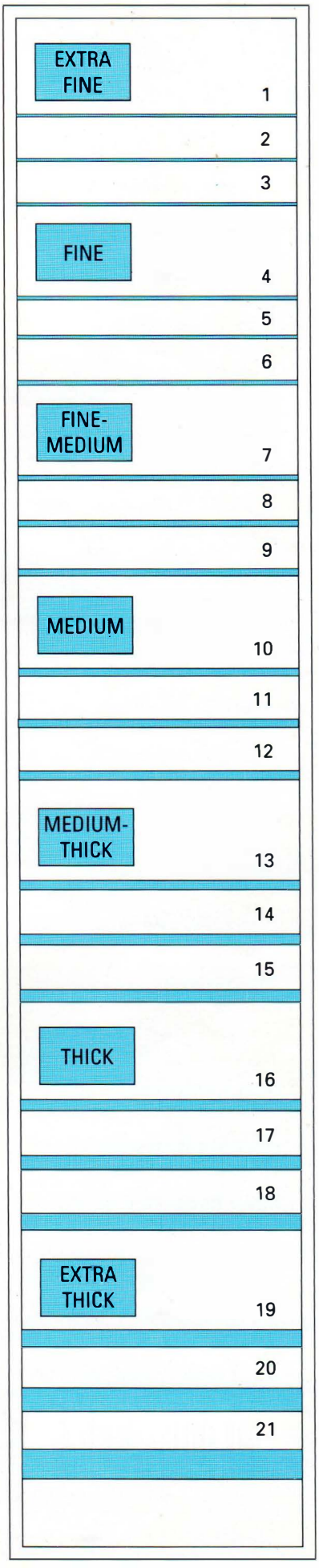
Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

YARN GUIDE



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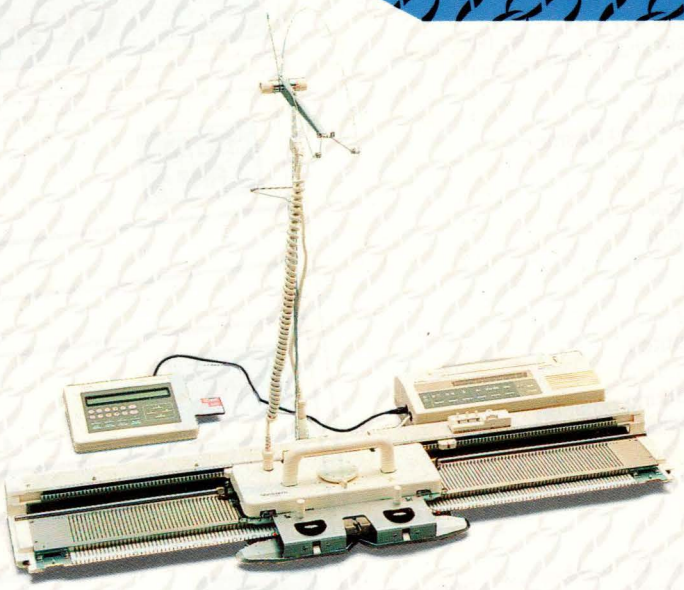
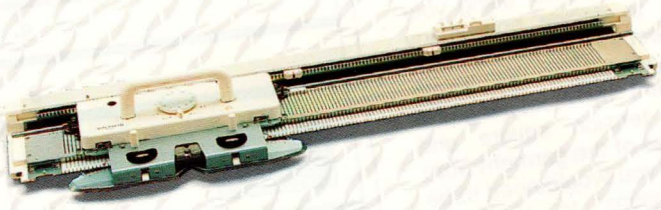
The Silver Modular Electronic Knitting System is based on four easy-to-change and whisper-quiet beds of the highest quality. So you'll be able to set just the right gauge and tension for any yarn - and each gives you a wide range of stitch options at the touch of a single lever. Attachments permit even greater stitch and pattern variety. And as the beds and attachments are each sold separately, you buy only as you need to.



SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair

SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply

SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

The Silver EC1 Pattern Controller gives you great flexibility.

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